



# CIRCULAR Connector

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# SPECIFICATIONS

## CIRCULAR SERIES

No.	SPECIFICATIONS	STANDARD VALUE
01	Manufacturer Identifications	Mini Size, Standard Size, Middle Size, Large Size and Macro Size
02	Description	Panel Mount, Molded with Cable and Field Installable
03	Current Rating	Mini Size: 2A, 5A Standard Size: 2A, 5A, 10A, 5A+2A, 10A+5A Middle Size: 2A, 5A, 10A, 20A, 5A+2A, 10A+5A Large Size: 2A, 5A, 20A Macro Size: 5A
04	Pin Configuration	Mini Size: 2 to 6 contacts Standard Size: 2 to 8, 10, 12 contacts Middle Size: 3 to 10, 12, 14, 18 contacts Large Size: 2 to 7, 18, 20 to 22 contacts Macro Size: 31 contacts
05	Material	Contacts: Copper Alloy, Gold Plated Connector Body: Nylon + GF, UL Recognized
06	Temperature Range	Cable: -20°C to +80°C Connector Body: -40°C to +105°C
07	Waterproof Rating	IP66 and IP67
08	Contact Resistance	≤ 10 mΩ
09	Insulation Resistance	≥ 100MΩ at DC 500V
10	Durability	3000 Plug / Unplug Cycles Minimum
11	Breakdown Voltage	≥ AC 1000V/1 Minute, ≥ 500V/1 Minute (1.5~5A)
12	Corrosion	48 Hours Salt Spray Contact

# HOW TO ORDER

## CIRCULAR CONNECTOR

LTW 1 2 - 3 4 5 6 7 - 8 9 10 11 12

LT : Liang Tei

W : Waterproof



<span style="border: 1px solid black; padding: 2px;">1</span>	Connector Size	<ul style="list-style-type: none"> <li>Mini <span style="float: right;">A</span></li> <li>Mini Shielded <span style="float: right;">AS</span></li> <li>Standard <span style="float: right;">B</span></li> <li>Standard Shielded <span style="float: right;">BS</span></li> <li>Middle <span style="float: right;">C</span></li> <li>Large <span style="float: right;">D</span></li> <li>Large Shielded <span style="float: right;">DS</span></li> <li>Macro <span style="float: right;">E</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">2</span>	Current Rating	<ul style="list-style-type: none"> <li>2A <span style="float: right;">u</span></li> <li>5A <span style="float: right;">D</span></li> <li>10A <span style="float: right;">B</span></li> <li>20A <span style="float: right;">C</span></li> <li>5A + 2A <span style="float: right;">Du</span></li> <li>10A + 5A <span style="float: right;">BD</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">3</span>	Number of Contacts	<ul style="list-style-type: none"> <li>02, 03, ...</li> </ul>
<span style="border: 1px solid black; padding: 2px;">4</span>	Connector Type	<ul style="list-style-type: none"> <li>Front Mount <span style="float: right;">P</span></li> <li>Rear Mount <span style="float: right;">R</span></li> <li>With SR <span style="float: right;">A</span></li> <li>Without SR <span style="float: right;">B</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">5</span>	Connector Gender	<ul style="list-style-type: none"> <li>Male <span style="float: right;">M</span></li> <li>Female <span style="float: right;">F</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">6</span>	Contact Gender	<ul style="list-style-type: none"> <li>Male <span style="float: right;">M</span></li> <li>Female <span style="float: right;">F</span></li> <li>Combo <span style="float: right;">C</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">7</span>	Assembly Style	<ul style="list-style-type: none"> <li>PCB 180° <span style="float: right;">P</span></li> <li>PCB 90° <span style="float: right;">R</span></li> <li>Solder <span style="float: right;">S</span></li> <li>Molded with Cable <span style="float: right;">M</span></li> <li>Assembly Type <span style="float: right;">A</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">8</span>	Mating Style	<ul style="list-style-type: none"> <li>Lock <span style="float: right;">L</span></li> <li>Screw <span style="float: right;">S</span></li> <li>Quick <span style="float: right;">Q</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">9</span>	Backshell	<ul style="list-style-type: none"> <li>Circular <span style="float: right;">C</span></li> <li>Square <span style="float: right;">S</span></li> <li>Straight <span style="float: right;">L</span></li> <li>Right <span style="float: right;">R</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">10</span>	Waterproof Rating	<ul style="list-style-type: none"> <li>IP66 <span style="float: right;">6</span></li> <li>IP67 <span style="float: right;">7</span></li> <li>IP68 <span style="float: right;">8</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">11</span>	Version	<ul style="list-style-type: none"> <li>Without Cable <span style="float: right;">(001, ...)</span></li> </ul>
or <span style="border: 1px solid black; padding: 2px;">11</span>	Standard Cable	<ul style="list-style-type: none"> <li>UL2464 PVC Jacket <span style="float: right;">A</span></li> </ul>
<span style="border: 1px solid black; padding: 2px;">12</span>	Cable Length (L)	<ul style="list-style-type: none"> <li>01 to 99 meters <span style="float: right;">(01, 99)</span></li> </ul>

# CONTACT PIN ARRANGEMENTS

## CIRCULAR CONNECTOR

Circular

2 Contact	
3 Contact	
4 Contact	
5 Contact	
6 Contact	
7 Contact	
8 Contact	
9 Contact	
10 Contact	
12 Contact	
14 Contact	
18 Contact	
20 Contact	
21 Contact	
22 Contact	
31 Contact	
<p>  2A               5A               10A               20A               Female Conn Female Pin               Male Conn Male Pin               Female Conn Male Pin               Male Conn Female Pin         </p>	

## CIRCULAR: STANDARD SIZE

Current Rating	Item Number	Number of Contacts	DESCRIPTION	Page	Old Item Number
2A	<b>Panel</b>				
	LTWBU-PMMM-L7A	10 or 12	Front Mount. Molded with Cable Male Connector. Straight Backshell.	25	LTWBU-PMMM-180
	LTWBU-PMM-C7	10 or 12	Front Mount. PCB 180° or Solder Male Connector. Circular Backshell.	26	LTWBU-PMM-C
	LTWBU-RMMS-C7001	10 or 12	Rear Mount. Solder Male Connector. Circular Backshell.	27	New Product
	LTWBSu-10RMMS-SC7001	10	Rear Mount. Solder Male Connector. Circular Backshell.	28	New Product
	<b>Molded with Cable</b>				
	LTWBU-4FFM-9A	10 or 12	With or Without SR. Molded with Cable Female Connector. Straight or Right.	29	LTWBU-4FFM-180
	LTWBSu-10BFFM-SA	10	Without SR. Molded with Cable Female Connector. Straight or Right.	30	New Product
	<b>Field Installable</b>				
	LTWBU-BFFA-L7001	10 or 12	Without SR. Field Installable. Female Connector. Straight.	31	LTWBU-BFFA-180
5A	<b>Panel</b>				
	LTWBD-PMM-C7	02 to 08	Front Mount. PCB 180° or Solder. Male Connector. Circular Backshell.	32	LTWBD-PMM-C
	LTWBD-PMMR-C7001	04 to 08	Front Mount. PCB 90°. Male Connector. Circular Backshell.	33	New Product
	LTWBD-RMMS-C7001	02 to 08	Rear Mount. Solder Male Connector. Circular Backshell.	34	New Product
	LTWBD-PMMM-L7A	02 to 08	Front Mount. Molded with Cable. Male Connector. Straight.	35	LTWBD-PMMM-180
	LTWBD-PMF-C7	02 to 06	Front Mount. PCB 180° or Solder. Male Connector. Circular Backshell.	36	LTWBD-PMF-C
	LTWBD-RMFS-C7001	02 to 06	Rear Mount. Solder. Male Connector. Circular Backshell.	37	New Product
	LTWBD-PMFM-L7A	02 to 06	Front Mount. Molded with Cable. Male Connector. Straight.	38	LTWBD-PMFM-180
	LTWBSD-RMMS-SC7001	06 or 08	Rear Mount. Solder Male Connector. Circular Backshell.	39	New Product
	LTWBSD-PMM-S7	04 to 08	Front Mount. PCB 180° or Solder Male Connector. Circular or Square Backshell.	40	LTWBSD-PMM-S
	<b>Molded with Cable</b>				
	LTWBD-4MFM-LLA	02 to 06	With or Without SR. Molded with Cable. Male Connector. Straight.	41	New Product
	LTWBD-4FMM-A	02 to 06	With or Without SR. Molded with Cable. Female Connector. Straight or Right.	42	LTWBD-4FMM-180
	LTWBD-4FFM-A	02 to 08	With or Without SR. Molded with Cable. Female Connector. Straight or Right.	43	LTWBD-4FFM-180
	LTWBD-4MMM-LLA	02 to 08	With or Without SR. Molded with Cable. Male Connector. Straight.	44	LTWBD-4MMM-L180
	LTWBSD-BFFM-S6A	04 to 08	Without SR. Molded with Cable Female Connector. Straight or Right.	45	LTWBSD-BFFM-S
	<b>Field Installable</b>				
	LTWBD-BFFA-L001	02 to 08	Without SR. Field Installable. Female Connector. Straight.	46	LTWBD-BFFA-180
	LTWBD-BFMA-L001	02 to 06	Without SR. Field Installable. Female Connector. Straight.	47	LTWBD-BFMA-180
	LTWBD-BMFA-LL001	02 to 06	Without SR. Field Installable. Male Connector. Straight.	48	LTWBD-BMFA-L180
LTWBD-BMMA-LL001	02 to 08	Without SR. Field Installable. Male Connector. Straight.	49	LTWBD-BMMA-L180	

## CIRCULAR: STANDARD SIZE

Current Rating	Item Number	Number of Contacts	DESCRIPTION	Page	Old Item Number
10A	<b>Panel</b>				
	LTWBB-PMFM-L7A	02 to 03	Front Mount. Molded with Cable Male Connector. Straight.	50	LTWBB-PMFM-180
	LTWBB-PMF-C7	02 to 03	Front Mount. PCB 180° or Solder Male Connector. Circular Backshell.	51	LTWBB-PMF-C
	LTWBB-RMFS-C7001	02 to 03	Rear Mount. Solder Male Connector. Circular Backshell.	52	New Product
	LTWBB-PMMM-L7A	02 to 04	Front Mount. Molded with Cable Male Connector. Straight.	53	LTWBB-PMMM-180
	LTWBB-PMM-C7	02 to 04	Front Mount. PCB 180° or Solder Male Connector. Circular Backshell.	54	LTWBB-PMM-C
	LTWBB-RMMS-C7001	02 to 04	Rear Mount. Solder Male Connector. Circular Backshell.	55	New Product
	<b>Molded with Cable</b>				
	LTWBB-FFM-A-A	02 to 04	With or Without SR. Molded with Cable Female Connector. Straight or Right.	56	LTWBB-FFM-180
	LTWBB-FMM-A-A	02 to 03	With or Without SR. Molded with Cable Female Connector. Straight or Right.	57	LTWBB-FMM-180
	LTWBB-MMM-LL-A	02 to 04	With or Without SR. Molded with Cable Male Connector. Straight.	58	New Product
	<b>Field Installable</b>				
	LTWBB-BFFA-L-001	02 to 04	Without SR. Field Installable. Female Connector. Straight.	59	LTWBB-BFFA-180
	LTWBB-BFMA-L7001	02 to 03	Without SR. Field Installable. Female Connector. Straight.	60	LTWBB-BFMA-180
	LTWBB-BMMA-LL-001	02 to 04	Without SR. Field Installable. Male Connector. Straight.	61	LTWBB-BMMA-L180
5A + 2A	<b>Panel</b>				
	LTWBDu-08PMF-C7001	08	Front Mount. PCB 180° or Solder. Male Connector. Circular Backshell.	62	LTWBDu-08PMF-C
	LTWBDu-08RMFS-C7001	08	Rear Mount. Solder. Male Connector. Circular Backshell.	63	New Product
	LTWBDu-08PMFM-L7A	08	Front Mount. Molded with Cable. Male Connector. Straight Backshell.	64	LTWBDu-08PMFM-180
	<b>Molded with Cable</b>				
	LTWBDu-08FMM-A-A	08	With or Without SR. Molded with Cable. Female Connector. Straight or Right.	65	LTWBDu-08FMM-180
	<b>Field Installable</b>				
LTWBDu-08BFMA-L7001	08	Without SR. Field Installable. Female Connector. Straight.	66	LTWBDu-08BFMA-180	

## CIRCULAR: STANDARD SIZE

Current Rating	Item Number	Number of Contacts	DESCRIPTION	Page	Old Item Number
10A + 5A	<b>Panel</b>				
	LTWBBD-06PMFM-L7A	06	Front Mount. Molded with Cable. Male Connector. Straight.	67	LTWBBD-06PMFM-180
	LTWBBD-06PMF-C7	06	Front Mount. PCB 180° or Solder. Male Connector. Circular Backshell.	68	LTWBBD-06PMF-180
	LTWBBD-06RMFS-C7001	06	Rear Mount. Solder. Male Connector. Circular Backshell.	69	New Product
	<b>Molded with Cable</b>				
	LTWBBD-06FMM-A	06	With or Without SR. Molded with Cable. Female Connector. Straight or Right.	70	LTWBBD-06FMM-180
	LTWBBD-06MFM-LLA	06	With or Without SR. Molded with Cable. Male Connector. Straight.	71	LTWBBD-06MFM-L180
	<b>Field Installable</b>				
	LTWBBD-06BMFA-LL7001	06	Without SR. Field Installable. Male Connector. Straight.	72	LTWBBD-06BMFA-L180
	LTWBBD-06BFMA-LL7001	06	Without SR. Field Installable. Female Connector. Straight.	73	LTWBBD-06BFMA-L180

# Lock Bayonet and Screw Type (2A) : Panel Mount with Cable (Male)

LTWBU-<sup>3</sup> PMMM-<sup>8</sup> L7A <sup>12</sup>

Old Part Number : LTWBU -<sup>3</sup> PMMM-<sup>8</sup> 180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

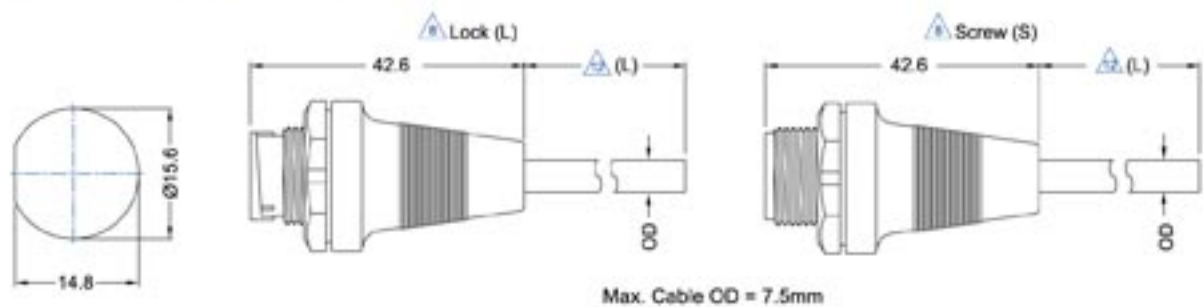
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	2A	u
<sup>△</sup> 3 Number of Contacts	10 or 12	10 or 12
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>△</sup> 8 Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> 12 Cable Length (L)	1 to 99 meters	01,...,99

10, 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief

## Recommended Panel Cut-Out



## Pin Configurations



10 pins



12 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
10	WCA0543UV01	PVC	Black	6.0
12	WCA0544UV01	PVC	Black	6.0

Note: Please see Cable Index for further details

## Mating Parts



LTWBU-<sup>3</sup> <sup>△</sup> <sup>△</sup> FFM-<sup>8</sup> <sup>△</sup> <sup>△</sup> <sup>△</sup> A <sup>12</sup>

See Item List



LTWBU-<sup>3</sup> <sup>△</sup> BFFA-<sup>8</sup> <sup>△</sup> L7001

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (2A) : Panel Mount (Male)



LTWBU- $\Delta$ 3PMM $\Delta$ 7- $\Delta$ 8C7 $\Delta$ 11

Old Part Number: LTWBU -  $\Delta$ 3PMM $\Delta$ 7- $\Delta$ 8C



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	2A	u
$\Delta$ Number of Contacts	10 or 12	10 or 12
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
$\Delta$ Assembly Style	PCB 180° or Solder	P or S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
$\Delta$ Version	3.6mm PCB Pin Length	001
	Solder Contact	001
	15.0mm PCB Pin Length	002 (New)

9, 10,  $\Delta$  Excluded in Old Part Number

\* 15.0mm PCB Pin Length available only upon request

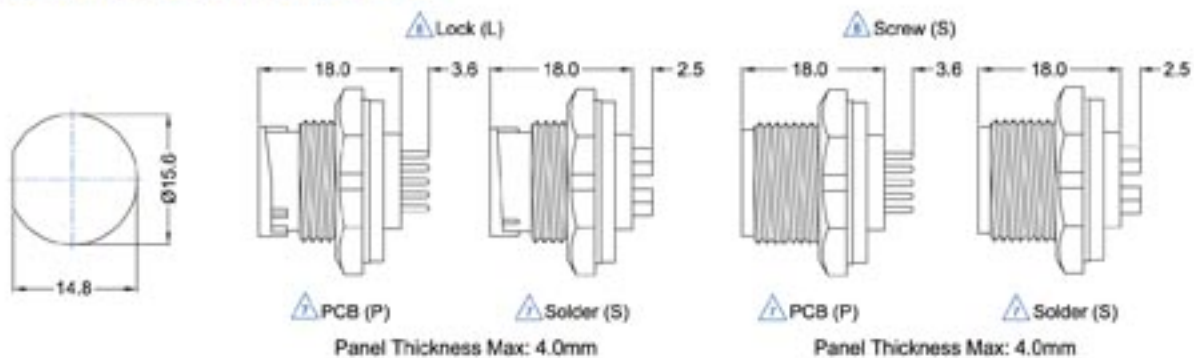
## Material

Pin : Copper Alloy, 6u" Gold Plated

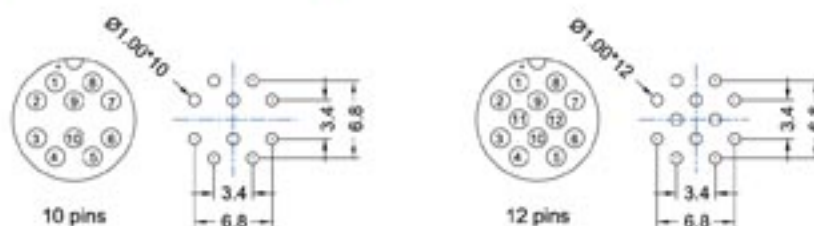
Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



## Pin Configurations and PCB Layouts



## Mating Parts



LTWBU- $\Delta$  $\Delta$ FFM- $\Delta$  $\Delta$  $\Delta$ A $\Delta$

See Item List



LTWBU- $\Delta$ BFFA- $\Delta$ L7001

See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (2A) : Panel Rear Mount (Male)

LTWBU- $\Delta$ <sub>3</sub>RMMS- $\Delta$ <sub>8</sub>C7001

New Product



## Material

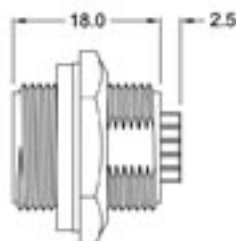
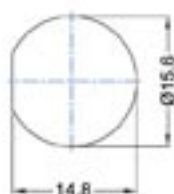
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

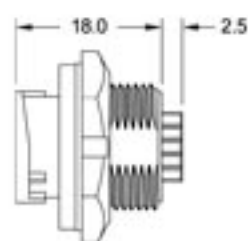
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	2A	u
$\Delta$ 3 Number of Contacts	10 or 12	10 or 12
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Solder	S
$\Delta$ 8 Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

Circular Standard

## Recommended Panel Cut-Out



$\Delta$  Screw (S)



$\Delta$  Lock (L)

Panel Thickness Max:6.0mm

## Pin Configurations



10 pins



12 pins

## Mating Parts



LTWBU- $\Delta$ <sub>3</sub>FFM- $\Delta$ <sub>3</sub> $\Delta$ <sub>3</sub>A $\Delta$

See Item List



LTWBU- $\Delta$ <sub>3</sub>BFFA- $\Delta$ <sub>3</sub>L7001

See Item List

## Accessory



See Item List

# Shielded Screw Type (2A) : Panel Rear Mount (Male)

LTWBSu-10RMMS-SC7001

New Product



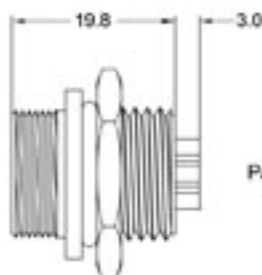
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard Shielded	BS
2 Current Rating	2A	u
3 Number of Contacts	10	10
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Solder	S
8 Mating Style	Screw	S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version		001

## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Shield : Zn Alloy or Copper Alloy, Nickel Plated  
 Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



Panel Thickness Max: 6.5mm

## Pin Configuration



10 pins

## Mating Parts



LTWBSu-10BFFM-S    A 

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (2A) : Molded with Cable (Female)

LTWBU-<sup>3</sup><sup>4</sup> FFM-<sup>8</sup><sup>9</sup><sup>10</sup> A<sup>12</sup>

Old Part Number: LTWBU -<sup>3</sup><sup>4</sup> FFM -<sup>8</sup>180



## Material

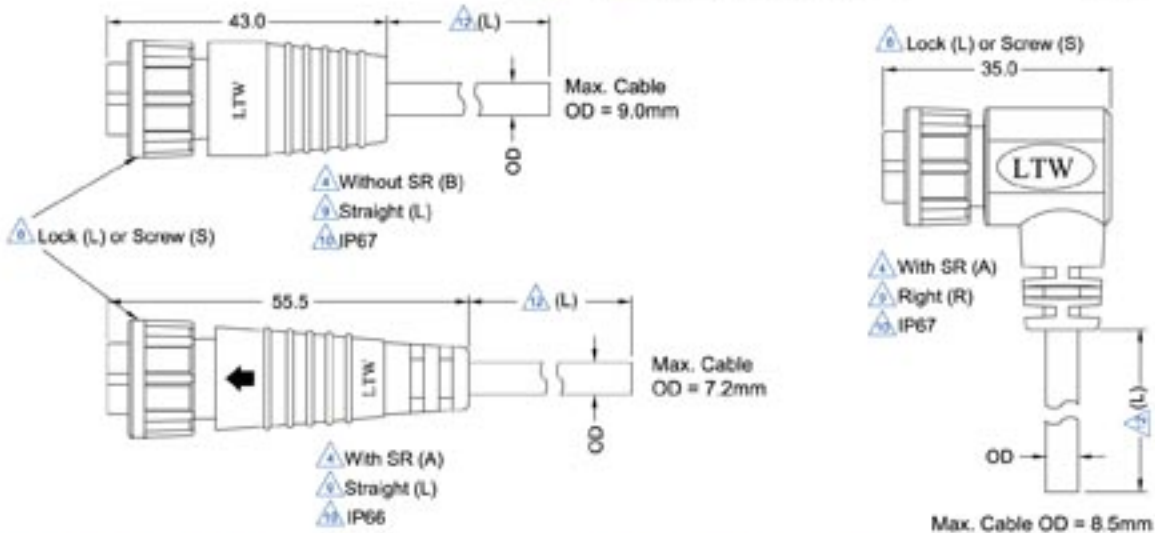
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	2A	u
<sup>△</sup> Number of Contacts	10 or 12	10 or 12
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
<sup>△</sup> Backshell	Straight or Right	L or R
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01, ..., 99

<sup>△</sup> 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief



Circular Standard

## Pin Configurations



10 pins



12 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
10	WCA0543UV01	PVC	Black	6.0
12	WCA0544UV01	PVC	Black	6.0

Note: Please see Cable Index for further details

## Mating Parts



LTWBU-<sup>△</sup> PMMM-<sup>△</sup> L7A<sup>△</sup>

See Item List



LTWBU-<sup>△</sup><sup>△</sup> MM<sup>△</sup><sup>△</sup> C7<sup>△</sup>

See Item List

## Accessory



See Item List

# Shielded Screw Type (2A) : Molded with Cable (Female)

LTWBSu- 10BFFM-S <sup>9</sup> <sup>10</sup> A <sup>12</sup>

New Product



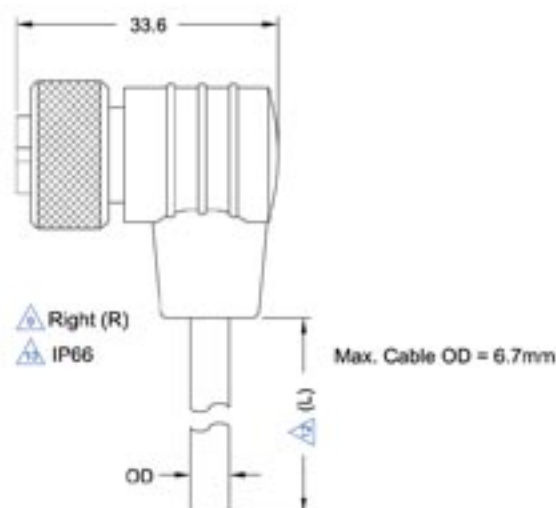
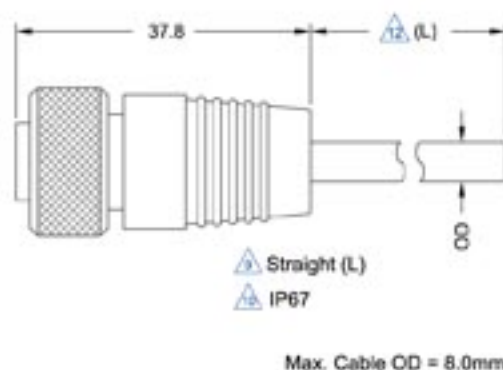
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard Shielded	BS
2 Current Rating	2A	u
3 Number of Contacts	10	10
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
8 Mating Style	Screw	S
<sup>9</sup> Backshell	Straight or Right	L or R
<sup>10</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>12</sup> Cable Length (L)	1 to 99 meters	01, ..., 99

SR= Strain Relief

## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Shield : Zn Alloy or Copper Alloy, Nickel Plated  
 Cable Temperature : -20°C to 80°C



## Pin Configuration



10 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
10	WCA0543UV01	PVC	Black	6.0

Note: Please see Cable Index for further details

## Mating Part



LTWBSu - 10RMMS-SC7001

See Item List

# Lock Bayonet and Screw Type (2A) : Field Installable (Female)

LTWBU-<sup>3</sup>BFFA-<sup>8</sup>L7001

Old Part Number: LTWBU -<sup>3</sup>BFFA -<sup>8</sup>180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

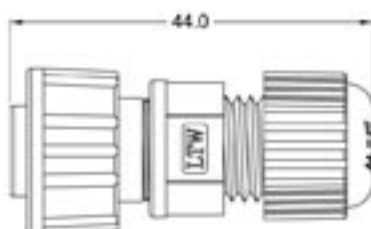
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	2A	u
<sup>4</sup> Number of Contacts	10 or 12	10 or 12
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Field Installable (Solder Pins)	A
<sup>4</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

10, 11 Excluded in Old Part Number

SR= Strain Relief

<sup>4</sup> Lock (L) & Screw (S)



Seals for Cable OD: ø4.5mm-ø6.5mm

## Pin Configurations



10 pins



12 pins

## Mating Parts



LTWBU-<sup>4</sup>PMMM-<sup>4</sup>L7A<sup>4</sup>

See Item List



LTWBU-<sup>4</sup>MM<sup>4</sup>-<sup>4</sup>C7<sup>4</sup>

See Item List

## Accessory



See Item List

Circular Standard



# Lock Bayonet and Screw Type (5A) : Panel Mount (Male)

LTWBD- $\Delta$ 3 PMMR- $\Delta$ 8 C7001

New Product



## Material

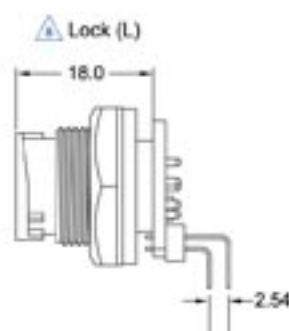
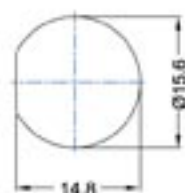
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

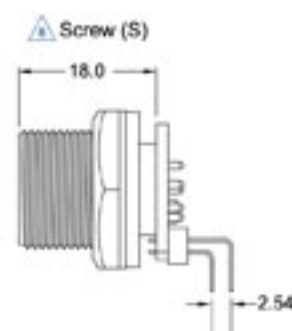
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
$\Delta$ Number of Contacts	4 to 8	04,...,08
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	PCB 90°	R
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version		001

Circular Standard

## Recommended Panel Cut-Out



Panel Thickness Max: 4.0mm



Panel Thickness Max: 4.0mm

## Pin Configurations



04 pins



05 pins



06 pins



07 pins



08 pins

## Mating Parts



LTWBD- $\Delta$ BFFA- $\Delta$ L $\Delta$ 001  
 See Item List



LTWBD- $\Delta$ FFM- $\Delta$ A $\Delta$ A $\Delta$ A $\Delta$   
 See Item List



See Item List



See Item List

## Accessories

# Lock Bayonet and Screw Type (5A) : Panel Rear Mount (Male)

LTWBD- $\Delta$ 3 RMMS- $\Delta$ 8 C7001

New Product



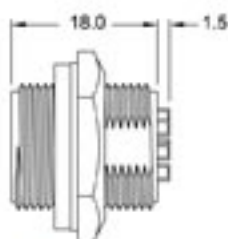
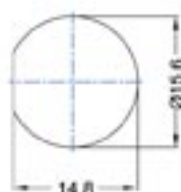
## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

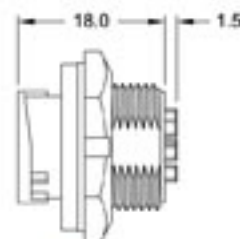
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
$\Delta$ Number of Contacts	2 to 8	02,...,08
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Contact Type	Solder	S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

## Recommended Panel Cut-Out



$\Delta$  Screw (S)



$\Delta$  Lock (L)

Panel Thickness Max 6.0mm

## Pin Configurations



02 pins



03 pins



04 pins



05 pins



06 pins



07 pins



08 pins

## Mating Parts



LTWBD- $\Delta$ BFFA- $\Delta$ L $\Delta$ 001

See Item List



LTWBD- $\Delta$ AFFM- $\Delta$ 9 $\Delta$ 10A $\Delta$

See Item List



See Item List

## Accessory

# Lock Bayonet and Screw Type (5A) : Panel Mount with Cable (Male)

LTWBD-<sup>3</sup> P<sup>8</sup>MM - <sup>8</sup> L<sup>7</sup>A <sup>12</sup>

Old Part Number : LTWBD - <sup>3</sup> P<sup>8</sup>MM - <sup>8</sup> 180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

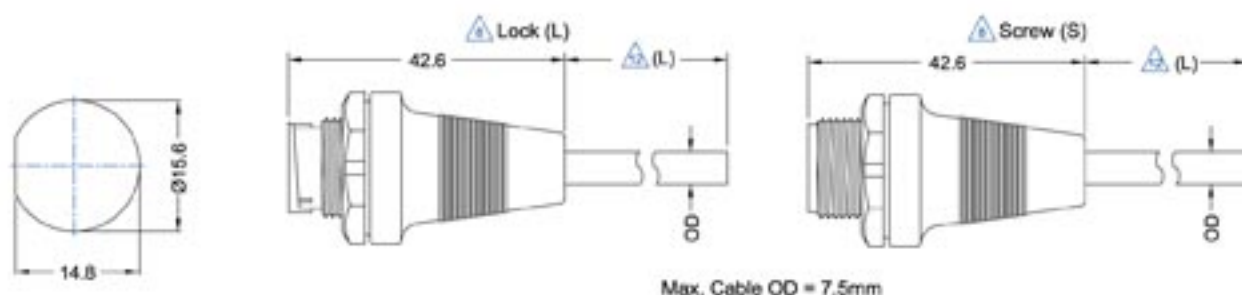
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>3</sup> Number of Contacts	2 to 8	02....08
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Contact Style	Molded with Cable	M
<sup>8</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>12</sup> Cable Length(L)	1 to 99 meters	01.... 99

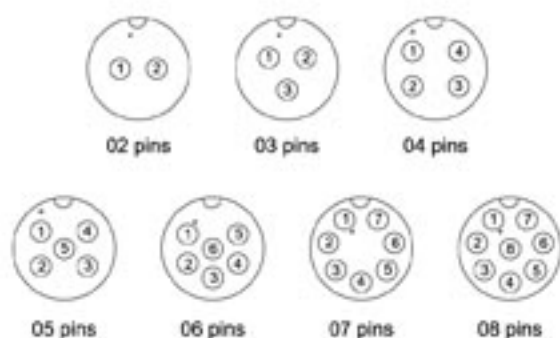
10, 11, <sup>12</sup> Excluded in Old Part Number

Circular Standard

## Recommended Panel Cut-Out



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8
07	WCA0087UV01	PVC	Black	5.8
08	WCA0003UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBD-<sup>3</sup> B<sup>4</sup>FFA-<sup>4</sup> L<sup>3</sup> 001

See Item List



LTWBD-<sup>3</sup> 4<sup>4</sup> F<sup>8</sup>FM-<sup>8</sup> 9<sup>8</sup> 10<sup>8</sup> A<sup>12</sup>

See Item List



See Item List

## Accessory

# Lock Bayonet and Screw Type (5A) : Panel Mount (Male)



LTWBD-<sup>3</sup>PMF<sup>7</sup>-<sup>8</sup>C7<sup>11</sup>

Old Part Number : LTWBD-<sup>3</sup>PMF<sup>7</sup>-<sup>8</sup>C



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>△</sup> Number of Contacts	2 to 6	02...06
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
<sup>△</sup> Contact Style	PCB 180° or Solder	P or S
<sup>△</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
<sup>△</sup> Version	4.6mm PCB Pin Length	001
	Solder Contact	001
	15.0mm PCB Pin Length	002 (New)

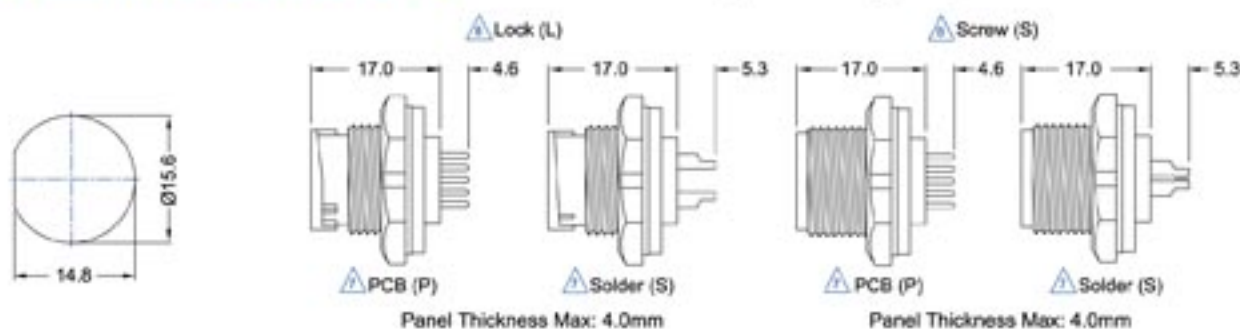
## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

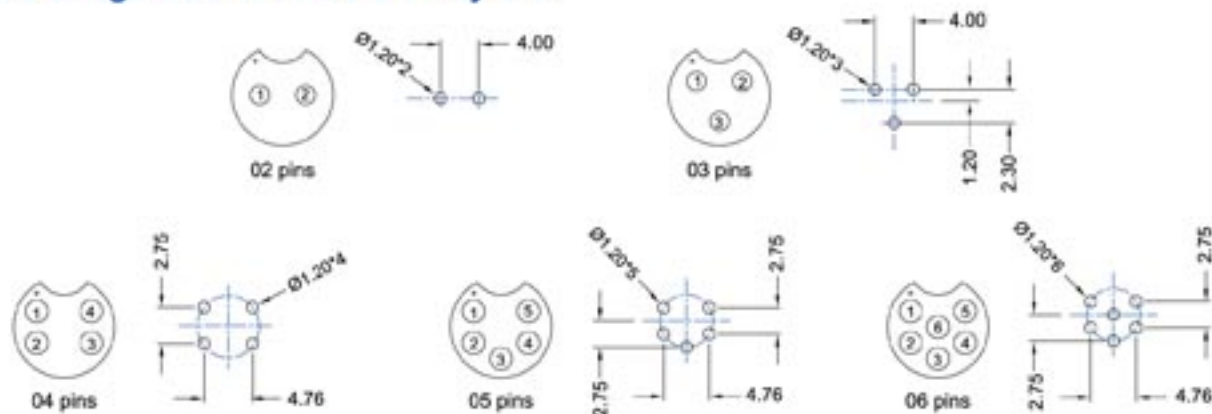
## Recommended Panel Cut-Out

9, 10, <sup>△</sup> Excluded in Old Part Number

\* 15.0mm PCB Pin Length available only upon request



## Pin Configurations and PCB Layouts



## Mating Parts



LTWBD-<sup>3</sup>BFMA-<sup>4</sup>L7001

See Item List



LTWBD-<sup>3</sup>4FMM-<sup>4</sup>9A

See Item List



## Accessories



See Item List



See Item List

# Lock Bayonet and Screw Type (5A) : Panel Rear Mount (Male)

LTWBD- $\Delta$ <sub>3</sub>RMFS- $\Delta$ <sub>8</sub>C7001

New Product



## Material

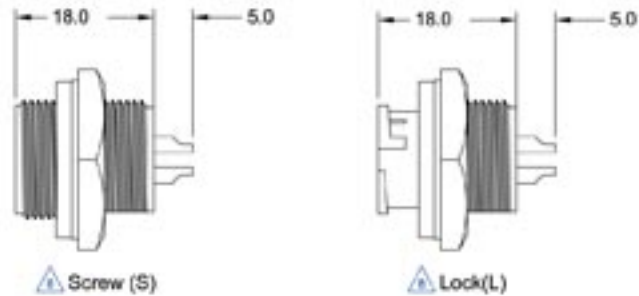
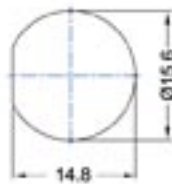
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
$\Delta$ 3 Number of Contacts	2 to 6	02.....06
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Solder	S
$\Delta$ 8 Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

Circular Standard

## Recommended Panel Cut-Out



Panel Thickness Max:6.0mm

## Pin Configurations



02 pins



03 pins



04 pins



05 pins



06 pins

## Mating Parts



LTWBD- $\Delta$ <sub>3</sub>BFMA- $\Delta$ <sub>4</sub>L7001

See Item List



LTWBD- $\Delta$ <sub>3</sub> $\Delta$ <sub>4</sub>FMM- $\Delta$ <sub>8</sub> $\Delta$ <sub>9</sub> $\Delta$ <sub>10</sub>A $\Delta$ <sub>12</sub>

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (5A) : Panel Mount with Cable (Male)

LTWBD-<sup>3</sup>PMFM -<sup>8</sup>L7A<sup>12</sup>

Old Part Number : LTWBD -<sup>3</sup>PMFM -<sup>8</sup>L180

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>4</sup> Number of Contacts	2 to 6	02....06
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Contact Style	Molded with Cable	M
<sup>4</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>4</sup> Cable Length(L)	1 to 99 meters	01.... 99

10, 11, <sup>4</sup> Excluded in Old Part Number

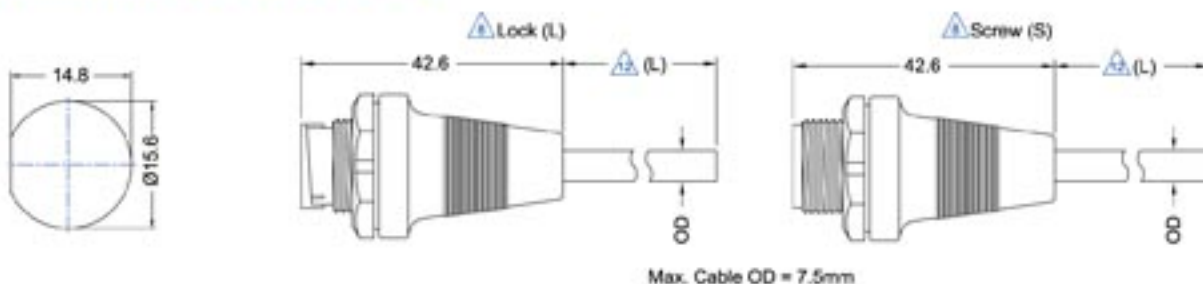
## Material

Pin : Copper Alloy, 6u" Gold Plated

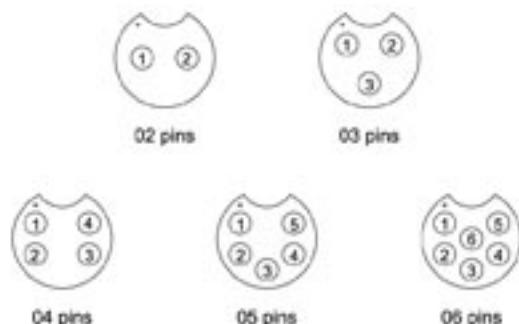
Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C

## Recommended Panel Cut-Out



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8

Note: Please see Cable Index for further details

## Mating Parts



LTWBD-<sup>4</sup>BFMA -<sup>4</sup>L7001

See Item List



LTWBD-<sup>4</sup>FMM-<sup>4</sup>A<sup>4</sup>A<sup>4</sup>

See Item List



See Item List

## Accessory

# Shielded Screw Type (5A) : Panel Rear Mount (Male)

LTWBSD- $\Delta$ 3 RMMS-SC7001

New Product



## Material

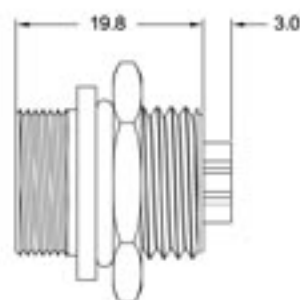
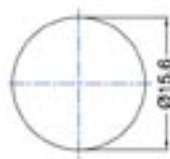
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Shield : Zn Alloy or Copper Alloy,  
 Nickel Plated  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard Shielded	BS
2 Current Rating	5A	D
$\Delta$ 3 Number of Contacts	6 or 8	06 or 08
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Solder	S
8 Mating Style	Screw	S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

Circular Standard

## Recommended Panel Cut-Out



Panel Thickness Max: 6.5mm

## Pin Configurations



06 pins



08 pins

## Mating Parts



LTWBSD- $\Delta$ BFFM-S $\Delta$ 6A $\Delta$

See Item List

## Accessory



See Item List

# Shielded Screw Type (5A) : Panel Mount (Male)



LTWBSD- $\Delta$ 3PMM $\Delta$ 7-S $\Delta$ 9 $\Delta$ 7 $\Delta$ 11

Old Part Number : LTWBSD- $\Delta$ 3PMM $\Delta$ 7-S $\Delta$ 9



## Specifications

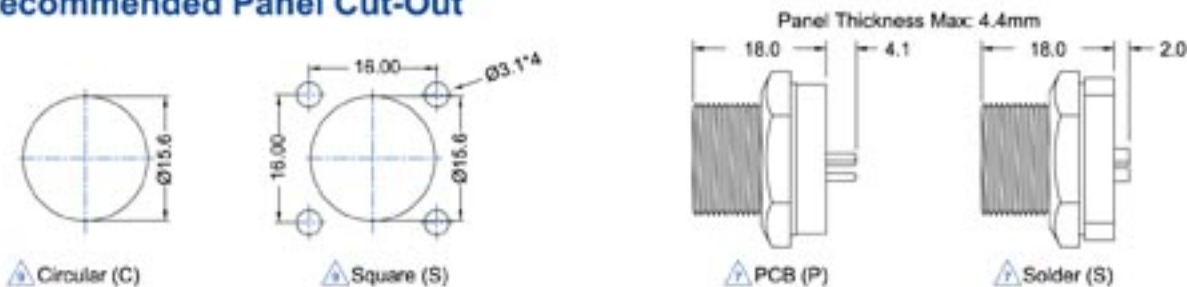
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard Shielded	BS
2 Current Rating	5A	D
$\Delta$ Number of Contacts	4 to 8	04,...08
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
$\Delta$ Assembly Style	PCB 180° or Solder	P or S
8 Mating Style	Screw	S
$\Delta$ Backshell	Circular or Square	C or S
10 Waterproof Rating	IP67	7
$\Delta$ Version	4.1mm PCB Pin Length	001
	Solder Contact	001
	15.0mm PCB Pin Length	002 (New)

$\Delta$ , 10,  $\Delta$  Excluded in Old Part Number

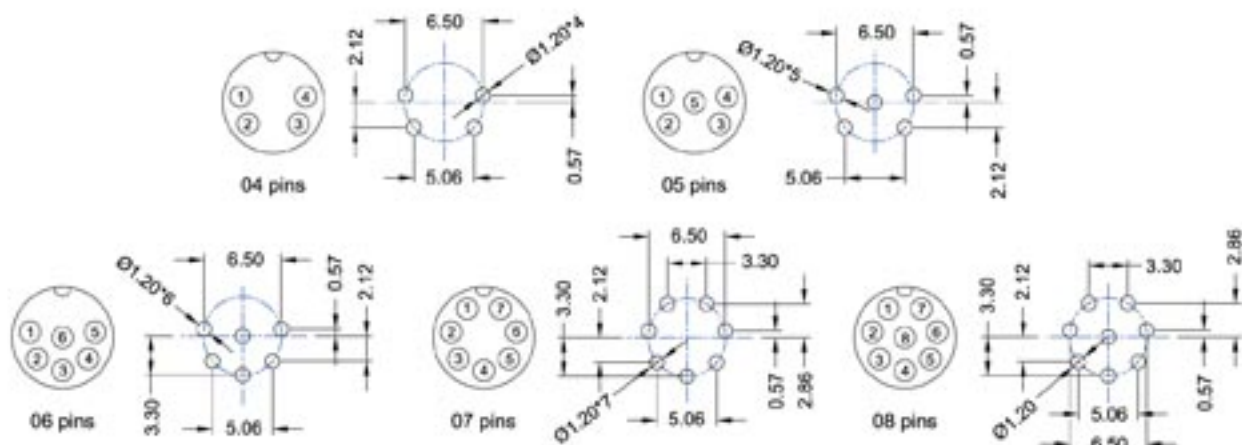
## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Shield : Zn Alloy or Copper Alloy, Nickel Plated  
 Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



## Pin Configurations and PCB Layouts



## Mating Parts



LTWBSD- $\Delta$ BFFM-S $\Delta$ 6A $\Delta$

See Item List

## Accessory



See Item List

# Lock Bayonet Type (5A) : Molded with Cable (Male)

LTWBD-<sup>3</sup><sup>4</sup>MFM-LL<sup>10</sup>A<sup>12</sup>

New Product



## Material

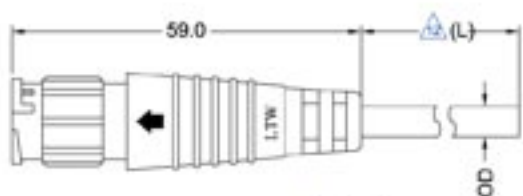
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>△</sup> Number of Contacts	2 to 6	02 to 06
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
8 Mating Style	Lock	L
9 Backshell	Straight	L
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

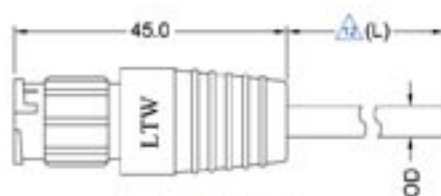
<sup>△</sup> 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief



<sup>△</sup> IP 66

Max. Cable OD = 7.2mm



<sup>△</sup> IP 67

Max. Cable OD = 9.0mm

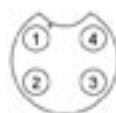
## Pin Configurations



02 pins



03 pins



04 pins



05 pins (New)



06 pins (New)

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8

Note: Please see Cable Index for further details

## Mating Parts



LTWBD-<sup>3</sup>BFMA-LL7001

See Item List



LTWBD-<sup>3</sup><sup>4</sup>FMM-L<sup>4</sup><sup>5</sup>A<sup>12</sup>

See Item List

## Accessories



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (5A) : Molded with Cable (Female)



LTWBD-<sup>3</sup><sup>4</sup>FMM-<sup>8</sup><sup>9</sup><sup>10</sup>A<sup>12</sup>

Old Part Number: LTWBD - <sup>3</sup><sup>4</sup>FMM - <sup>8</sup>180

## Material

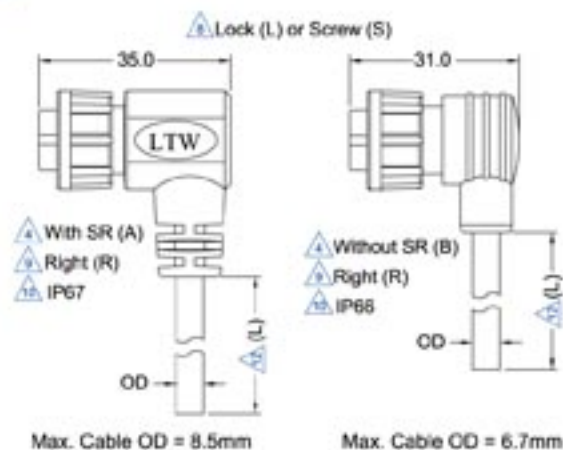
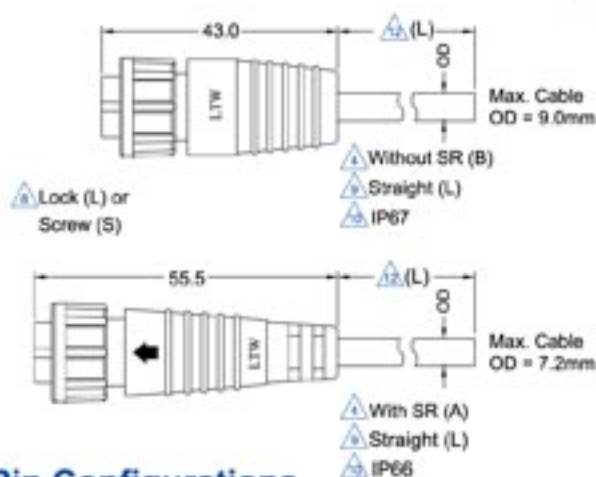
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

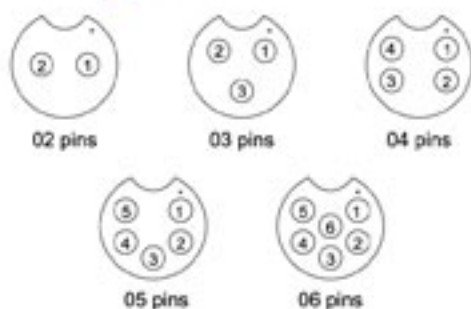
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>△</sup> Number of Contacts	2 to 6	02....06
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
<sup>△</sup> Backshell	Straight or Right	L or R
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01....99

<sup>△</sup> 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8

Note: Please see Cable Index for further details

## Mating Parts



## Accessories



# Lock Bayonet and Screw Type (5A) : Molded with Cable (Female)

LTWBD-<sup>3</sup><sup>4</sup> FFM-<sup>8</sup><sup>9</sup><sup>10</sup> A<sup>12</sup>

Old Part Number: LTWBD -<sup>3</sup><sup>4</sup> FFM -<sup>8</sup> 180



## Material

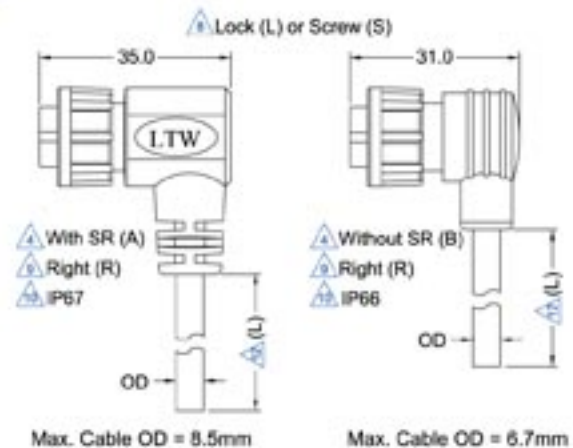
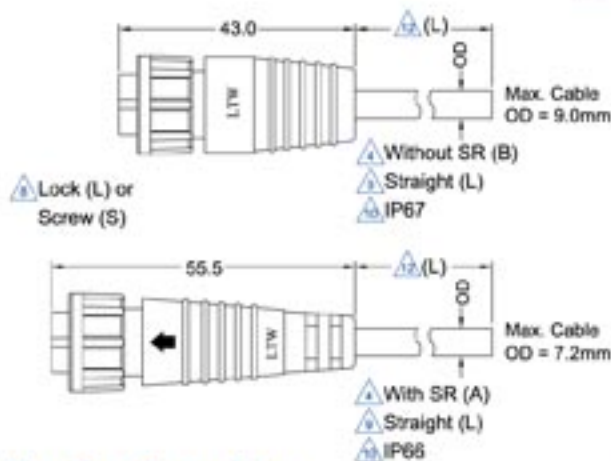
Pin : Copper Alloy, 30u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

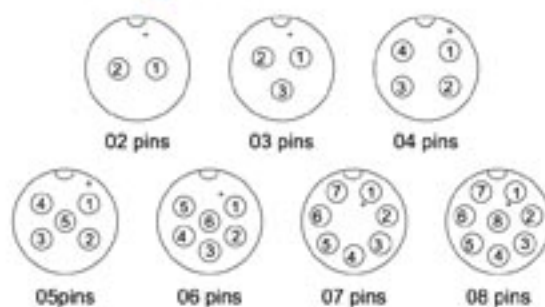
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>△</sup> Number of Contacts	2 to 8	02....08
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
<sup>△</sup> Backshell	Straight or Right	L or R
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01....99

<sup>△</sup>11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8
07	WCA0087UV01	PVC	Black	5.8
08	WCA0003UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



## Accessories



# Lock Bayonet Type (5A) : Molded with Cable (Male)

LTWBD-<sup>3</sup><sup>4</sup> MMM-LL<sup>10</sup> A<sup>12</sup>

Old Part Number: LTWBD -<sup>3</sup><sup>4</sup> MMM - L180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>3</sup> Number of Contacts	2 to 8	02....08
<sup>4</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
8 Mating Style	Lock	L
9 Backshell	Straight	L
<sup>10</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>12</sup> Cable Length (L)	1 to 99 meters	01....99

<sup>3</sup>, <sup>11</sup>, <sup>12</sup> Excluded in Old Part Number

SR= Strain Relief

## Material

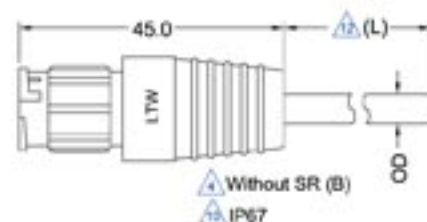
Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C

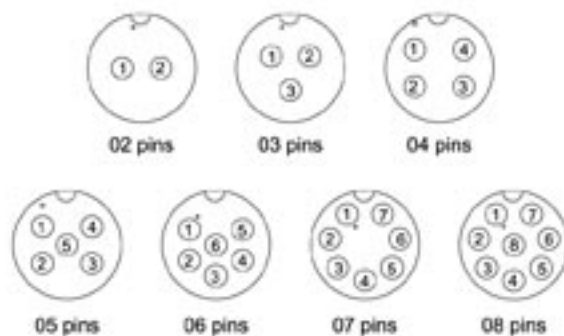


Max. Cable OD = 7.2mm



Max. Cable OD = 9.0mm

## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0072UV01	PVC	Black	4.2
03	WCA0549UV01	PVC	Black	4.5
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8
07	WCA0087UV01	PVC	Black	5.8
08	WCA0003UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBD-<sup>3</sup> BFFA-LL<sup>10</sup> 001

See Item List



LTWBD-<sup>3</sup><sup>4</sup> FFM-L<sup>9</sup><sup>10</sup> A<sup>12</sup>

See Item List

## Accessories



See Item List



See Item List



See Item List

# Shielded Screw Type (5A) : Molded with Cable (Female)

LTWBSD-<sup>3</sup>BFFM-S<sup>9</sup>6A<sup>12</sup>

Old Part Number: LTWBSD -<sup>3</sup>BFFM -S<sup>9</sup>



## Material

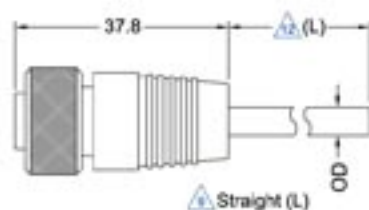
Pin : Copper Alloy, 30u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Shield : Zn Alloy or Copper Alloy, Nickel Plated  
 Cable Temperature : -20°C to 80°C

## Specifications

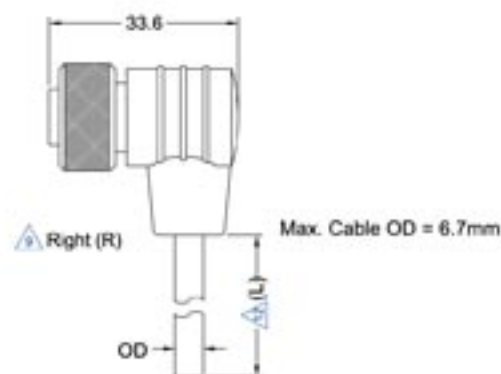
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard Shielded	BS
2 Current Rating	5A	D
<sup>3</sup> Number of Contacts	4 to 8	04,...,08
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
8 Mating Style	Screw	S
<sup>9</sup> Backshell	Straight or Right	L or R
10 Waterproof Rating	IP66	6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>12</sup> Cable Length (L)	1 to 99 meters	01,...,99

10, 11, <sup>9</sup> Excluded in Old Part Number

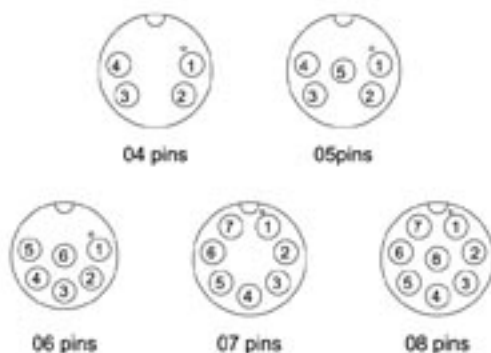
SR= Strain Relief



Max. Cable OD = 8.0mm



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
04	WCA0219UV01	PVC	Black	5.8
05	WCA0551UV01	PVC	Black	5.0
06	WCA0217UV01	PVC	Black	5.8
07	WCA0087UV01	PVC	Black	5.8
08	WCA0003UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBSD -<sup>3</sup>PMM<sup>7</sup>-S<sup>4</sup>7<sup>11</sup>

See Item List

# Lock Bayonet and Screw Type (5A) : Field Installable (Female)

LTWBD-<sup>3</sup>BFFA-<sup>8</sup>L<sup>10</sup>001

Old Part Number: LTWBD -<sup>3</sup>BFFA -<sup>8</sup>180

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>△</sup> Number of Contacts	2 to 8	02...08
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Connector Style	Field Installable(Solder Pins)	A
<sup>△</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

<sup>△</sup>,11 Excluded in Old Part Number

SR= Strain Relief

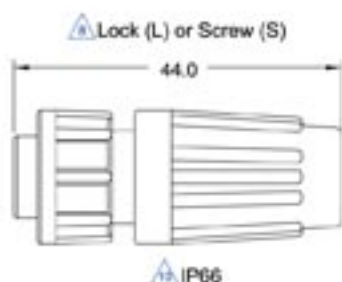


## Material

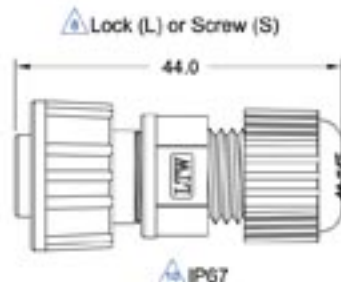
Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C



Seals for Cable OD: Ø3.5mm-Ø6.5mm



Seals for Cable OD: Ø4.5mm-Ø6.5mm

## Pin Configurations



02 pins



03 pins



04 pins



05 pins



06 pins



07 pins



08 pins

## Mating Parts



LTWBD-<sup>△</sup>BMMA-LL<sup>△</sup>001

See Item List



LTWBD-<sup>△</sup><sup>△</sup>MMM-LL<sup>△</sup>A<sup>△</sup>

See Item List



See Item List



See Item List



See Item List



LTWBD-<sup>△</sup><sup>△</sup>MM<sup>△</sup>-<sup>△</sup>C7<sup>△</sup>

See Item List



LTWBD-<sup>△</sup>PMMR-<sup>△</sup>C7001

See Item List

## Accessories

# Lock Bayonet and Screw Type (5A) : Field Installable (Female)

LTWBD-<sup>3</sup>BFMA-<sup>8</sup>L<sup>10</sup>001

Old Part Number: LTWBD -<sup>3</sup>BFMA -<sup>8</sup>180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>3</sup> Number of Contacts	2 to 6	02...06
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Connector Style	Field Installable(Solder Pins)	A
<sup>4</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
<sup>5</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

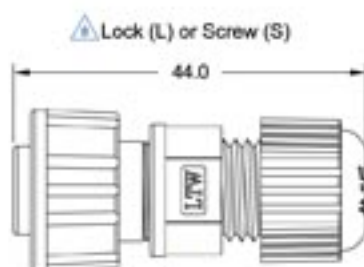
<sup>6</sup> 11 Excluded in Old Part Number

SR= Strain Relief



<sup>7</sup> IP66

Seals for Cable OD: Ø3.5mm-Ø6.5mm



<sup>8</sup> IP67

Seals for Cable OD: Ø4.5mm-Ø6.5mm

## Pin Configurations



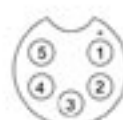
02 pins



03 pins



04 pins



05 pins



06 pins

## Mating Parts



LTWBD-<sup>3</sup>BMFA-LL7001  
See Item List



LTWBD-<sup>3</sup>4MFM-LL<sup>4</sup>A<sup>4</sup>  
See Item List



LTWBD-<sup>3</sup>PMFM-L7A<sup>4</sup>  
See Item List



LTWBD-<sup>3</sup>4MF-L7C7<sup>4</sup>  
See Item List

## Accessories



See Item List



See Item List



See Item List



See Item List

# Lock Bayonet Type (5A) : Field Installable (Male)

LTWBD-<sup>3</sup>BMFA-LL<sup>10</sup>001

Old Part Number: LTWBD -<sup>3</sup>BMFA - L180

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
<sup>3</sup> Number of Contacts	2 to 6	02...06
4 Connector Type	Without SR	B
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Connector Style	Field Installable(Solder Pins)	A
8 Mating Style	Lock	L
9 Backshell	Straight	L
<sup>3</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

<sup>3</sup> 11 Excluded in Old Part Number

SR= Strain Relief



## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C



<sup>3</sup>IP66

Seals for Cable OD: Ø3.5mm~Ø6.5mm



<sup>3</sup>IP67

Seals for Cable OD: Ø4.5mm~Ø6.5mm

## Pin Configurations



02 pins



03 pins



04 pins



05 pins (New)



06 pins (New)

## Mating Parts



LTWBD-<sup>3</sup>BFMA-LL7001

See Item List



LTWBD-<sup>3</sup><sup>3</sup>FMM-L<sup>3</sup><sup>3</sup>A<sup>3</sup>

See Item List

## Accessories



See Item List



See Item List



See Item List



See Item List

# Lock Bayonet Type (5A) : Field Installable (Male)

LTWBD- $\Delta$ 3 BMMA-LL  $\Delta$ 10 001

Old Part Number: LTWBD -  $\Delta$ 3 BMMA - L180



## Material

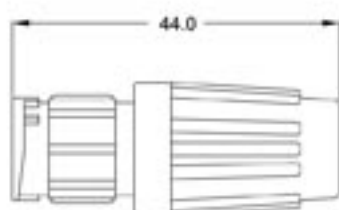
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	5A	D
$\Delta$ Number of Contacts	2 to 8	02...08
4 Connector Type	Without SR	B
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Connector Style	Field Installable(Solder Pins)	A
8 Mating Style	Lock	L
9 Backshell	Straight	L
$\Delta$ Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

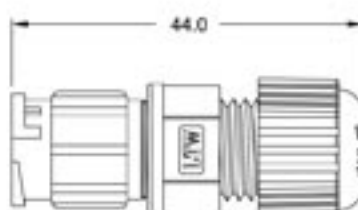
$\Delta$  11 Excluded in Old Part Number

SR= Strain Relief



$\Delta$  IP66

Seals for Cable OD:  $\varnothing$ 3.5mm- $\varnothing$ 6.5mm



$\Delta$  IP67

Seals for Cable OD:  $\varnothing$ 4.5mm- $\varnothing$ 6.5mm

Circular Standard

## Pin Configurations



02 pins



03 pins



04 pins



05 pins



06 pins



07 pins



08 pins

## Mating Parts



LTWBD- $\Delta$ BFFA-LL7001

See Item List



LTWBD- $\Delta$ FFM-L- $\Delta$ 10A- $\Delta$ 12

See Item List

## Accessories



See Item List



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (10A) : Panel Mount with Cable (Male)

LTWBB-<sup>3</sup>PMFM-<sup>8</sup>L7A<sup>12</sup>

Old Part Number : LTWBB-<sup>3</sup>PMFM-<sup>8</sup>180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>4</sup> Number of Contacts	2 to 3	02 to 03
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>4</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>4</sup> Cable Length(L)	1 to 99 meters	01,..., 99

10, 11, <sup>4</sup> Excluded in Old Part Number

SR= Strain Relief

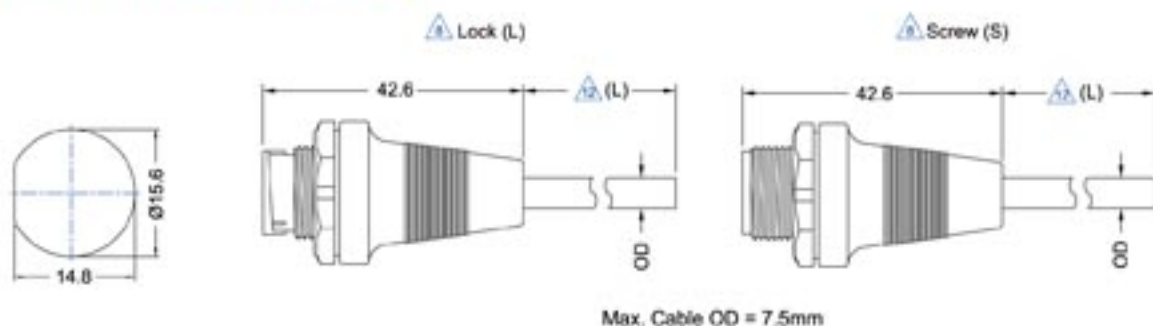
## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C

## Recommended Panel Cut-Out



## Pin Configurations



02 pins (New)



03 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0124UV01	PVC	Black	5.8
03	WCA0489UV01	PVC	Black	5.0

Note: Please see Cable Index for further details

## Mating Parts



LTWBB-<sup>4</sup>BFMA-<sup>4</sup>L7001

See Item List



LTWBB-<sup>4</sup>FMM-<sup>4</sup>A<sup>4</sup>

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (10A) : Panel Mount (Male)



LTWBB- $\Delta$ 3 PMF $\Delta$ 7 -  $\Delta$ 8 C7 $\Delta$ 11

Old Part Number: LTWBB -  $\Delta$ 3 PMF $\Delta$ 7 -  $\Delta$ 8 C



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
$\Delta$ Number of Contacts	02 to 03	02 to 03
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
$\Delta$ Assembly Style	PCB 180° or Solder	P or S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
$\Delta$ Version	3.7mm PCB Pin Length	001
	Solder Contact	001
	15.0mm PCB Pin Length	002 (New)

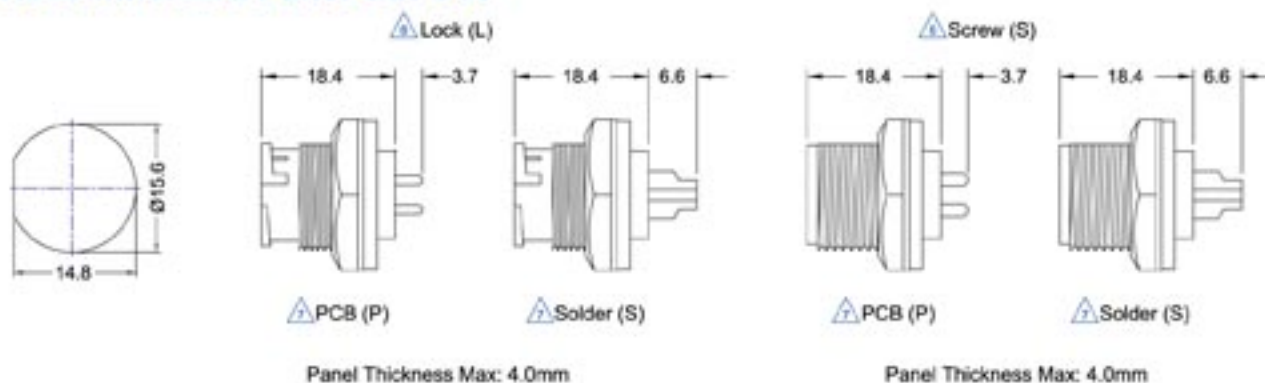
## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

9, 10,  $\Delta$  Excluded in Old Part Number  
 \* 15.0mm PCB Pin Length available only upon request

Circular Standard

## Recommended Panel Cut-Out



## Pin Configurations and PCB Layouts



## Mating Parts



## Accessories



# Lock Bayonet and Screw Type (10A) : Panel Rear Mount (Male)

LTWBB- $\Delta$ 3 RMFS- $\Delta$ 8 C7001

New Product



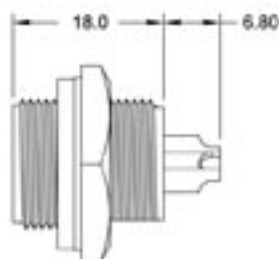
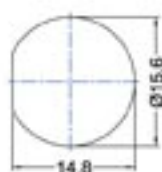
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
$\Delta$ Number of Contacts	2 or 3	02 or 03
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Solder	S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

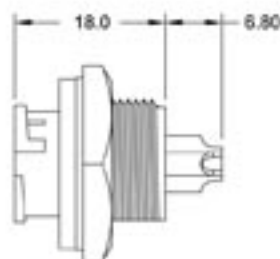
## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



$\Delta$  Screw (S)



$\Delta$  Lock (L)

Panel Thickness Max: 5.0mm

## Pin Configurations



02 pins



03 pins

## Mating Parts



LTWBB- $\Delta$ 3 FMM- $\Delta$ 8 A

See Item List



LTWBB- $\Delta$ BFMA- $\Delta$ L7001

See Item List



See Item List

# Lock Bayonet and Screw Type (10A) : Panel Mount with Cable (Male)

LTWBB-<sup>3</sup> P<sup>8</sup>MM-<sup>8</sup> L7A<sup>12</sup>

Old Part Number : LTWBB -<sup>3</sup> P<sup>8</sup>MM-<sup>8</sup> 180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

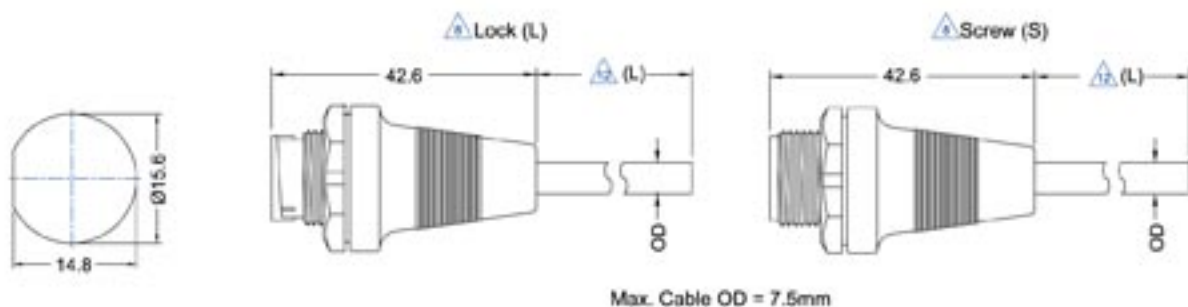
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>△</sup> Number of Contacts	2 to 4	02,...,04
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

10, 11, <sup>△</sup> Excluded in Old Part Number

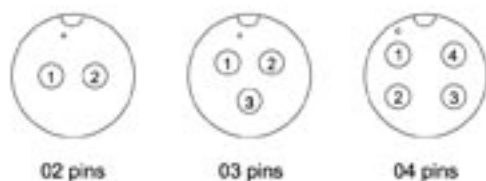
SR= Strain Relief

Circular Standard

## Recommended Panel Cut-Out



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0124UV01	PVC	Black	5.8
03	WCA0489UV01	PVC	Black	5.0
04	WCA0575UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBB-<sup>3</sup> B<sup>6</sup>FFA-<sup>6</sup> L7001

See Item List



LTWBB-<sup>3</sup> <sup>△</sup> <sup>△</sup> F<sup>6</sup>FM-<sup>6</sup> <sup>△</sup> <sup>△</sup> <sup>△</sup> A<sup>△</sup>

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (10A) : Panel Mount (Male)



LTWBB- $\Delta$ 3PMM $\Delta$ 7- $\Delta$ 8C7 $\Delta$ 11

Old Part Number: LTWBB -  $\Delta$ 3PMM $\Delta$ 7- $\Delta$ 8C



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
$\Delta$ Number of Contacts	02 to 04	02....04
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Male	M
$\Delta$ Assembly Style	PCB 180° or Solder	P or S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
$\Delta$ Version	3.7mm PCB Pin Length	001
	Solder Contact	001
	15.0mm PCB Pin Length	002 (New)

9, 10,  $\Delta$  Excluded in Old Part Number

\* 15.0mm PCB Pin Length available only upon request

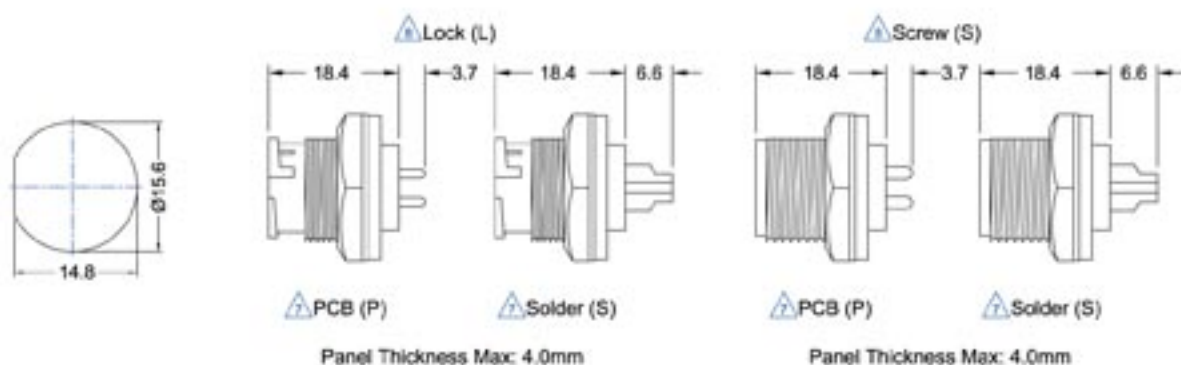
## Material

Pin : Copper Alloy, 6u" Gold Plated

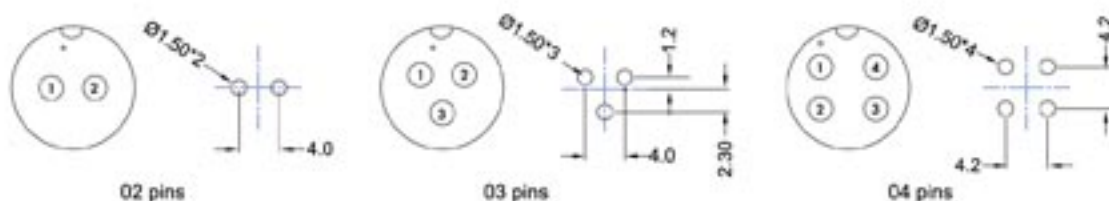
Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

Circular Standard



## Pin Configurations and PCB Layouts



## Mating Parts



LTWBB- $\Delta$ BFFA- $\Delta$ L7001

See Item List



LTWBB- $\Delta$ FFM- $\Delta$ AA

See Item List



See Item List

# Lock Bayonet and Screw Type (10A) : Panel Rear Mount (Male)

LTWBB- $\Delta$ <sub>3</sub> RMMS- $\Delta$ <sub>8</sub> C7001

New Product



## Material

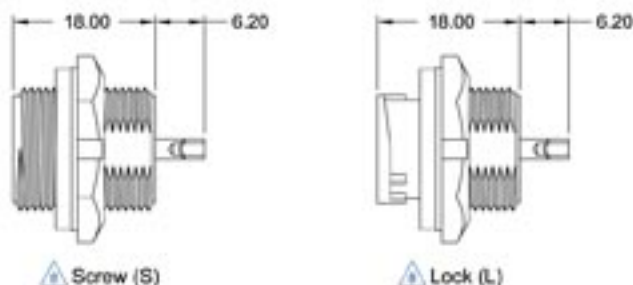
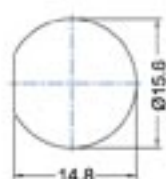
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
$\Delta$ Number of Contacts	2 to 4	02,...,04
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Solder	S
$\Delta$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

Circular Standard

## Recommended Panel Cut-Out



## Pin Configurations



02 pins



03 pins



04 pins

## Mating Parts



LTWBB- $\Delta$  BFFA- $\Delta$  L7001

See Item List



LTWBB- $\Delta$  FFM- $\Delta$  A

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (10A) : Molded with Cable (Female)

LTWBB-<sup>3</sup><sup>4</sup>FFM-<sup>8</sup><sup>9</sup><sup>10</sup>A<sup>12</sup>

Old Part Number : LTWBB -<sup>3</sup><sup>4</sup>FFM-<sup>8</sup>180

## Specifications

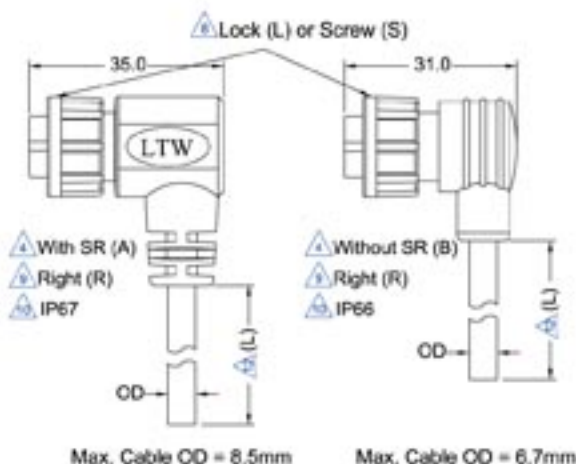
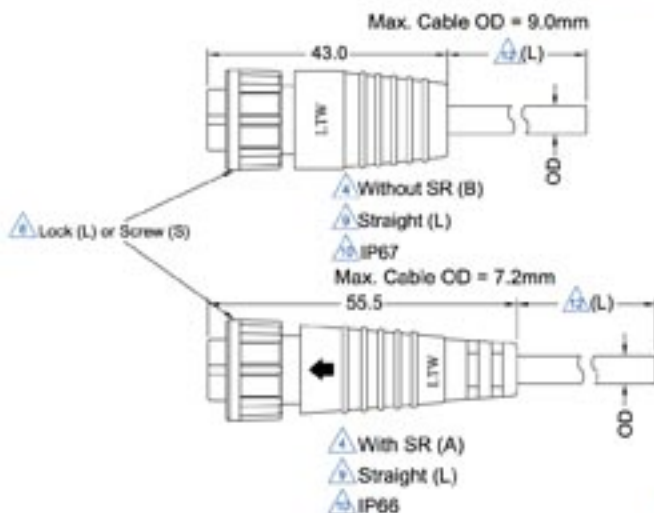
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>△</sup> Number of Contacts	2 to 4	02....04
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
<sup>△</sup> Backshell	Straight or Right	L or R
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01....99

<sup>△</sup>11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief

## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C



## Pin Configurations



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0124UV01	PVC	Black	5.8
03	WCA0489UV01	PVC	Black	5.0
04	WCA0575UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBB-<sup>3</sup>BMMA-LL7001  
See Item List



LTWBB-<sup>3</sup><sup>4</sup>MMM-LL<sup>10</sup>A<sup>12</sup>  
See Item List



LTWBB-<sup>3</sup>PMMM-<sup>3</sup>L7A<sup>12</sup>  
See Item List



LTWBB-<sup>3</sup><sup>4</sup>MM-<sup>7</sup>-<sup>8</sup>C7<sup>12</sup>  
See Item List

## Accessories



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (10A) : Molded with Cable (Female)

LTWBB-<sup>3</sup><sup>4</sup>FMM-<sup>8</sup><sup>9</sup><sup>10</sup>A<sup>12</sup>

Old Part Number: LTWBB - <sup>3</sup><sup>4</sup>FMM - <sup>8</sup>180



## Material

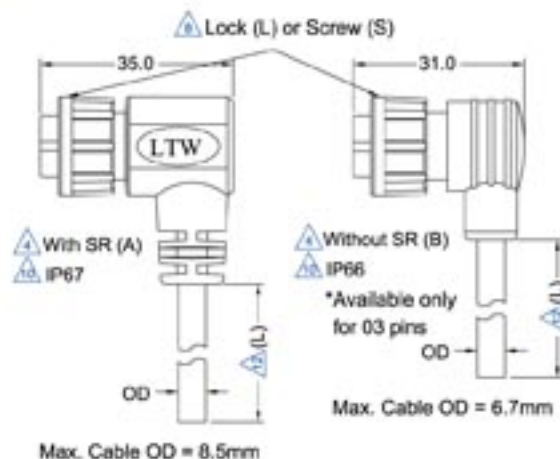
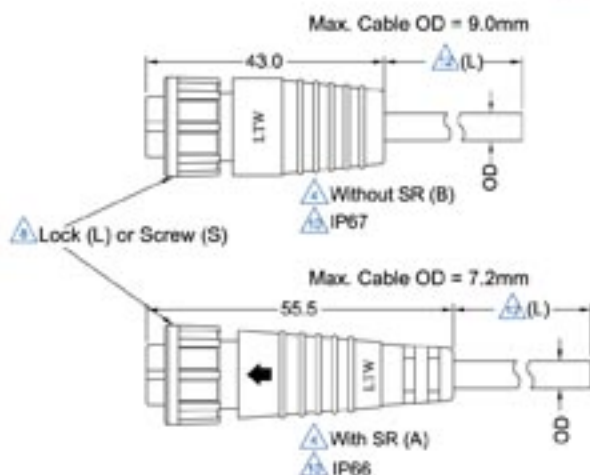
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>△</sup> Number of Contacts	2 to 3	02 to 03
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
<sup>△</sup> Backshell	Straight or Right	L or R
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

<sup>△</sup>, 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief



## Pin Configurations



02 pins



03 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0124UV01	PVC	Black	5.8
03	WCA0489UV01	PVC	Black	5.0

Note: Please see Cable Index for further details

## Mating Parts



LTWBB-<sup>3</sup>PMFM-<sup>6</sup>L7A<sup>△</sup>

See Item List

LTWBB-<sup>3</sup><sup>4</sup>MF<sup>△</sup>-<sup>6</sup>C7<sup>△</sup>

See Item List

## Accessories



See Item List

See Item List

See Item List

# Lock Bayonet Type (10A) : Molded with Cable (Male)

LTWBB-<sup>3</sup><sup>4</sup>MMM-LL<sup>10</sup>A<sup>12</sup>

New Product



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>△</sup> Number of Contacts	2 to 4	02....04
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
8 Mating Style	Lock	L
9 Backshell	Straight	L
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01....99

<sup>△</sup>11, <sup>△</sup>Excluded in Old Part Number

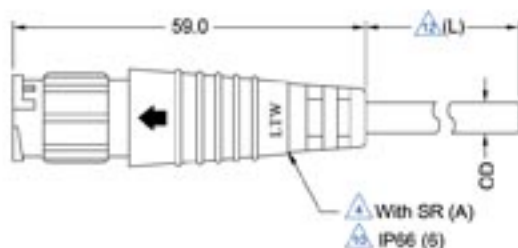
SR= Strain Relief

## Material

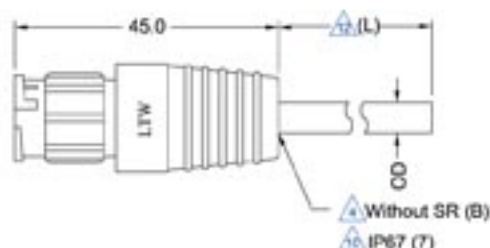
Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C



Max. Cable OD = 7.2mm



Max. Cable OD = 9.0mm

## Pin Configurations



02 pins



03 pins



04 pins

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
02	WCA0124UV01	PVC	Black	5.8
03	WCA0489UV01	PVC	Black	5.0
04	WCA0575UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBB-<sup>△</sup>BFFA-LL7001

See Item List



LTWBB-<sup>△△</sup>FFM-L<sup>△△</sup>A<sup>△</sup>

See Item List

## Accessories



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (10A) : Field Installable (Female)

LTWBB-<sup>3</sup>BFFA-<sup>8</sup>L<sup>10</sup>001

Old Part Number : LTWBB - <sup>3</sup>BFFA-<sup>8</sup>180



## Material

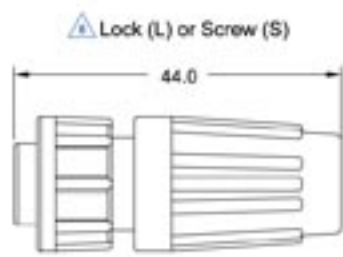
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>Δ</sup> Number of Contacts	2 to 4	02...04
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Female	F
7 Assembly Style	Field Installable (Solder Pins)	A
<sup>Δ</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
<sup>Δ</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

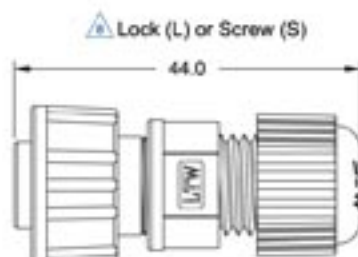
<sup>Δ</sup> 11 Excluded in Old Part Number

SR= Strain Relief



<sup>Δ</sup> IP66

Seals for Cable OD: Ø3.5mm-Ø6.5mm  
 \*only for 2, 3 pins



<sup>Δ</sup> IP67

Seals for Cable OD: Ø4.5mm-Ø6.5mm

## Pin Configurations



02 pins



03 pins



04 pins

## Mating Parts



LTWBB-<sup>3</sup>BMMA-LL7001  
 See Item List



LTWBB-<sup>3</sup>MMM-LL<sup>10</sup>A<sup>12</sup>  
 See Item List



See Item List



See Item List



See Item List



LTWBB-<sup>3</sup>PMMM-<sup>3</sup>L7A<sup>12</sup>  
 See Item List



LTWBB-<sup>3</sup>MM-<sup>3</sup>C7<sup>12</sup>  
 See Item List

## Accessories

Circular Standard

# Lock Bayonet and Screw Type (10A) : Field Installable (Female)

LTWBB-<sup>3</sup>BFMA-<sup>8</sup>L7001

Old Part Number : LTWBB -<sup>3</sup>BFMA-<sup>8</sup>180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
<sup>Δ</sup> 3 Number of Contacts	2 to 3	02 to 03
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Field Installable (Solder Pins)	A
<sup>Δ</sup> 8 Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

10, 11 Excluded in Old Part Number

SR= Strain Relief

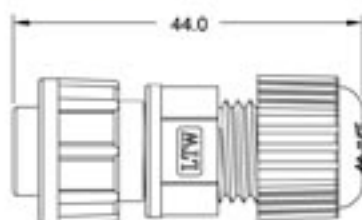
## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

<sup>Δ</sup> Lock (L) or Screw (S)



Seals for Cable OD: Ø4.5mm~Ø6.5mm

## Pin Configurations



02 pins (New)



03 pins

## Mating Parts

## Accessories



LTWBB-<sup>Δ</sup>PMFM-<sup>Δ</sup>L7A<sup>Δ</sup>

See Item List



LTWBB-<sup>Δ</sup><sup>Δ</sup>MF<sup>Δ</sup><sup>Δ</sup>C7<sup>Δ</sup>

See Item List



See Item List



See Item List

# Lock Bayonet Type (10A) : Field Installable (Male)

LTWBB- $\Delta$ <sub>3</sub> BMMA-LL  $\Delta$ <sub>10</sub> 001

Old Part Number : LTWBB -  $\Delta$ <sub>3</sub> BMMA-L180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Rating	10A	B
$\Delta$ Number of Contacts	2 to 4	02....04
4 Connector Type	Without SR	B
5 Connector Gender	Male	M
6 Contact Gender	Male	M
7 Assembly Style	Field Installable (Solder Pins)	A
8 Mating Style	Lock	L
9 Backshell	Straight	L
$\Delta$ Waterproof Rating	IP67 or IP66	7 or 6
11 Version	Without Cable	001

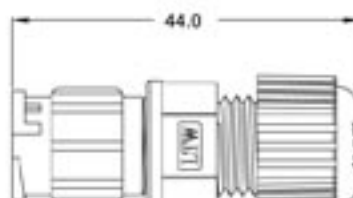
10, 11 Excluded in Old Part Number

SR= Strain Relief



$\Delta$  IP66

Seals for Cable OD:  $\varnothing$ 3.5mm- $\varnothing$ 6.5mm  
 \*only for 2, 3 pins



$\Delta$  IP67

Seals for Cable OD:  $\varnothing$ 4.5mm- $\varnothing$ 6.5mm

Circular Standard

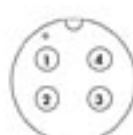
## Pin Configurations



02 pins (New)



03 pins (New)



04 pins

## Mating Parts



LTWBB- $\Delta$  BFFA-LL7001

See Item List



LTWBB- $\Delta$ <sub>3</sub> $\Delta$ <sub>4</sub> FFM-L  $\Delta$ <sub>9</sub> $\Delta$ <sub>10</sub> A  $\Delta$ <sub>12</sub>

See Item List

## Accessories



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (5A+2A) : Panel Mount (Male)

LTWBDu-08PMF  $\triangle_7$  -  $\triangle_8$  C7001

Old Part Number: LTWBDu - 08PMF  $\triangle_7$  -  $\triangle_8$  C



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	5A+2A	Du
3 Number of Contacts	8	08
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
$\triangle_7$ Assembly Style	PCB 180° or Solder	P or S
$\triangle_8$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	2.6mm PCB Pin Length	001
	Solder Contact	001

9, 10, 11 Excluded in Old Part Number

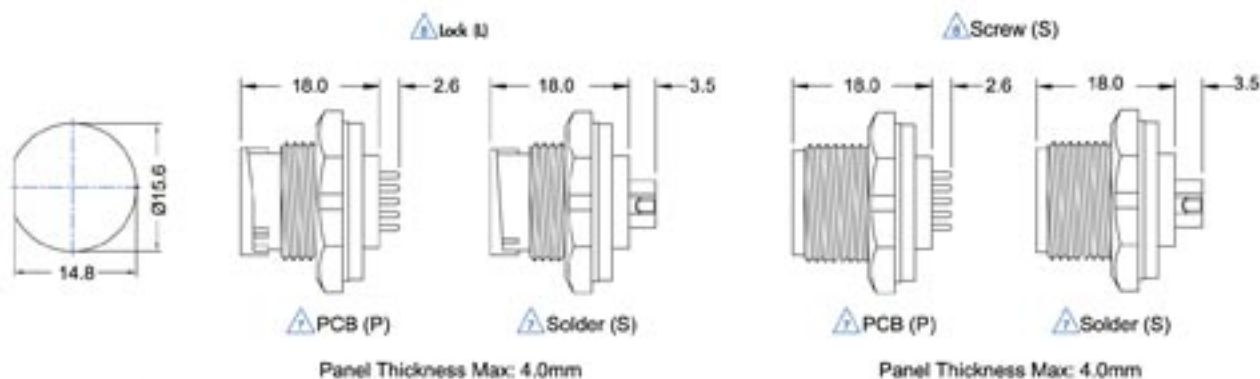
## Material

Pin : Copper Alloy, 6u" Gold Plated

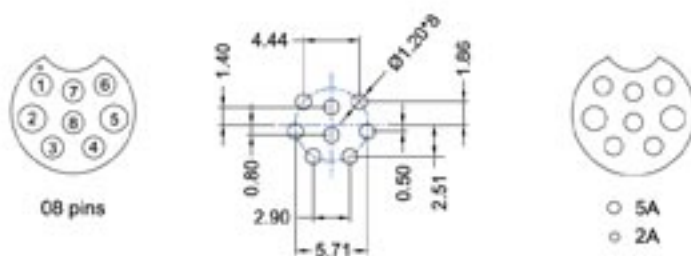
Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



## Pin Configuration and PCB Layout



## Mating Parts



LTWBDu-08BFMA- $\triangle_7$  L7001

See Item List



LTWBDu-08FMM- $\triangle_7$   $\triangle_8$  A

See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (5A+2A) : Panel Rear Mount (Male)

LTWBDu-08RMFS- $\triangle$ <sub>8</sub> C7001

New Product



## Material

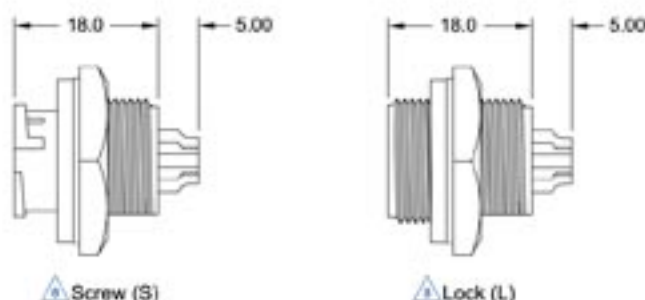
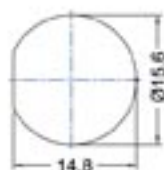
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	5A+2A	Du
3 Number of Contacts	8	08
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Solder	S
$\triangle$ Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

Circular Standard

## Recommended Panel Cut-Out



Panel Thickness Max:6.0mm

## Pin Configuration



08 pins



○ 5A  
 ○ 2A

## Mating Parts



LTWBDu-08BFMA- $\triangle$ L7001

See Item List



LTWBDu-08 $\triangle$ FMM- $\triangle$ <sub>8</sub> $\triangle$ <sub>9</sub> $\triangle$ <sub>10</sub>A $\triangle$ <sub>12</sub>

See Item List



See Item List

## Accessory

# Lock Bayonet and Screw Type (5A+2A) : Panel Mount with Cable (Male)

LTWBDu-08PMFM-<sup>△</sup>8<sup>△</sup>L7A<sup>△</sup>12<sup>△</sup>

Old Part Number : LTWBDu-08PMFM-<sup>△</sup>8<sup>△</sup>180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	5A+2A	Du
3 Number of Contacts	8	08
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

10, 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief

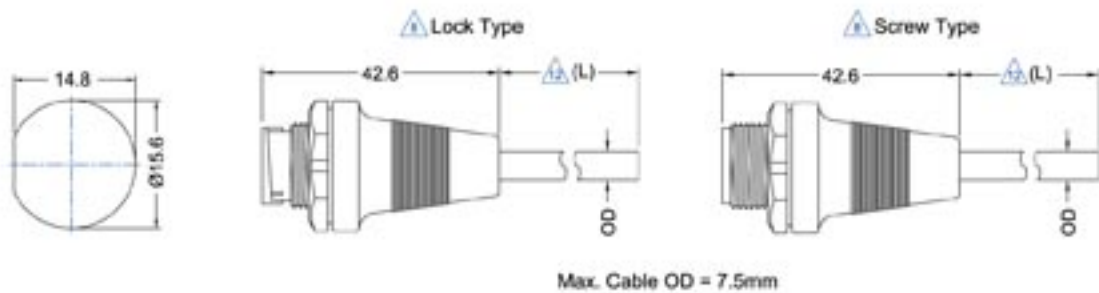
## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C

## Recommended Panel Cut-Out



## Pin Configuration



08 pins



○ 5A  
○ 2A

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
08	WCA0584UV01	PVC	Black	5.5mm

Note: Please see Cable Index for further details

## Mating Parts



LTWBDu-08BFMA-<sup>△</sup>8<sup>△</sup>L7001

See Item List



LTWBDu-08<sup>△</sup>FMM-<sup>△</sup>8<sup>△</sup>8<sup>△</sup>8<sup>△</sup>A<sup>△</sup>12<sup>△</sup>

See Item List



See Item List

# Lock Bayonet and Screw Type (5A+2A) : Molded with Cable (Female)

LTWBDu-08 <sup>4</sup> FMM- <sup>8</sup> <sup>9</sup> <sup>10</sup> A <sup>12</sup>

Old Part Number : LTWBDu-08 <sup>4</sup> FMM- <sup>8</sup> <sup>180</sup>



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

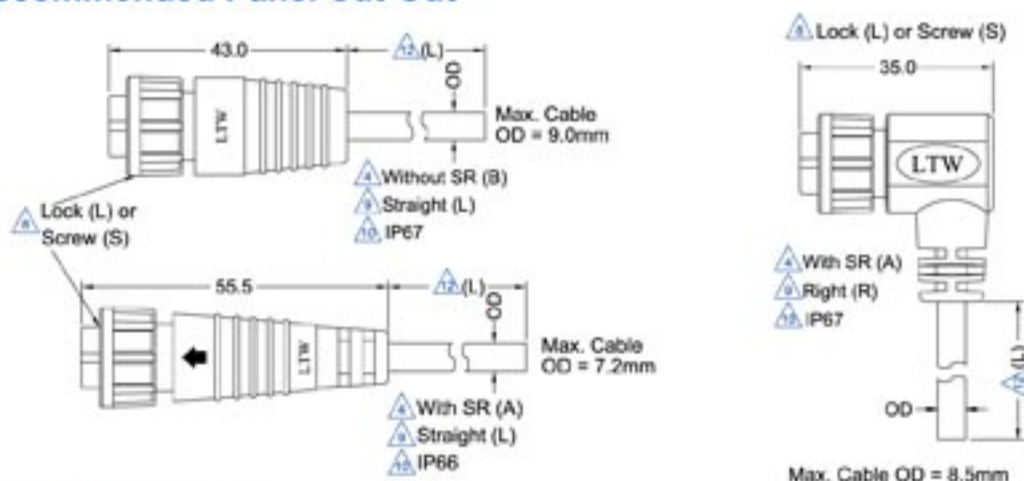
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	5A+2A	Du
3 Number of Contacts	8	08
<sup>4</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>4</sup> Mating Style	Lock or Screw	L or S
<sup>4</sup> Backshell	Straight or Right	L or R
<sup>4</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>4</sup> Cable Length (L)	1 to 99 meters	01,...,99

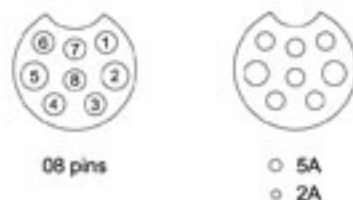
<sup>4</sup>, 11, <sup>4</sup> Excluded in Old Part Number

SR= Strain Relief

## Recommended Panel Cut-Out



## Pin Configuration



## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
08	WCA0584UV01	PVC	Black	5.5

Note: Please see Cable Index for further details

## Mating Parts



LTWBDu-08PMMF <sup>4</sup> L7A <sup>4</sup>

See Item List



LTWBDu-08 <sup>4</sup> MF <sup>4</sup> <sup>4</sup> C7 <sup>4</sup>

See Item List



See Item List



See Item List



See Item List

# Lock Bayonet and Screw Type (5A+2A) : Field Installable (Female)

LTWBDu-08BFMA- $\triangle$ <sub>8</sub>L7001

Old Part Number : LTWBDu - 08BFMA- $\triangle$ <sub>8</sub>180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	5A+2A	Du
3 Number of Contacts	8	08
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Field Installable (Solder Pins)	A
$\triangle$ Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

10, 11 Excluded in Old Part Number

SR= Strain Relief

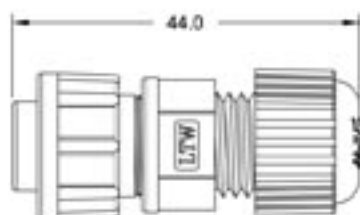
## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

$\triangle$  Lock (L) or Screw (S)



Seals for Cable OD: Ø4.5mm-Ø6.5mm

## Pin Configuration



08 pins



○ 5A  
○ 2A

## Mating Parts



LTWBDu-08PMFM- $\triangle$ <sub>8</sub>L7A $\triangle$

See Item List



LTWBDu-08 $\triangle$ <sub>8</sub>MF $\triangle$ - $\triangle$ <sub>8</sub>C7 $\triangle$

See Item List



See Item List



See Item List



See Item List

## Accessories

# Lock Bayonet and Screw Type (10A+5A) : Panel Mount with Cable (Male)

LTWBBD-06PMFM-<sup>△</sup>8 L7A<sup>△</sup>12

Old Part Number : LTWBBD-06PMFM-<sup>△</sup>8 180



## Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Cable Temperature : -20°C to 80°C

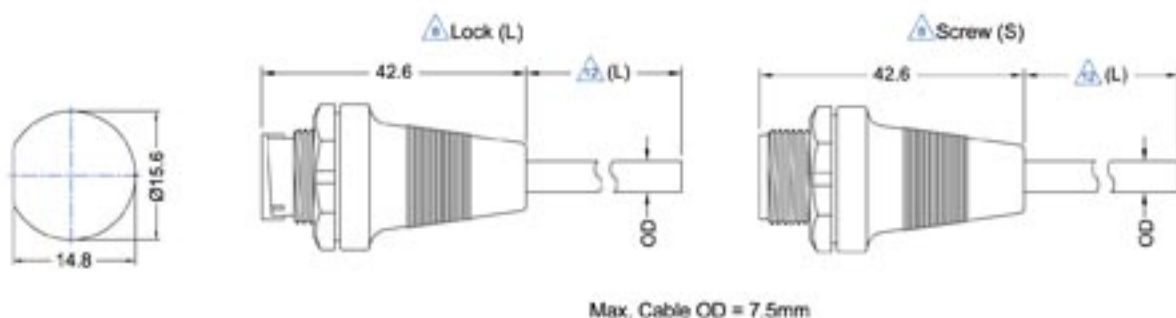
## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
<sup>△</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

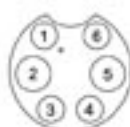
10, 11, <sup>△</sup> Excluded in Old Part Number

SR= Strain Relief

## Recommended Panel Cut-Out



## Pin Configuration



06 pins



○ 10A  
 ○ 5A

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
06	WCA0585UV01	PVC	Black	6.0mm

Note: Please see Cable Index for further details

## Mating Parts



LTWBBD-06BFMA-<sup>△</sup>8 L7001

See Item List



LTWBBD-06<sup>△</sup>FMM-<sup>△</sup>8<sup>△</sup>A<sup>△</sup>

See Item List



See Item List

# Lock Bayonet and Screw Type (10A+5A) : Panel Mount (Male)

LTWBBD-06PMF <sup>7</sup> - <sup>8</sup> C7 <sup>11</sup>

Old Part Number: LTWBBD - 06PMF <sup>7</sup> - <sup>8</sup> 180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
4 Connector Type	Front Mount	P
5 Connector Gender	Male	M
6 Contact Gender	Female	F
<sup>7</sup> Assembly Style	PCB 180° or Solder	P or S
<sup>8</sup> Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
<sup>11</sup> Version	5.0mm PCB Pin Length	001
	Solder Contact	001

9, 10, <sup>11</sup> Excluded in Old Part Number

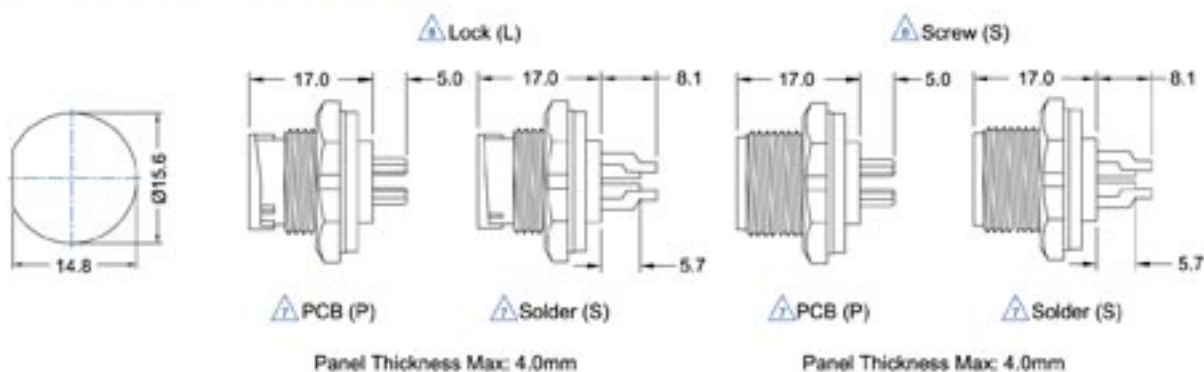
## Material

Pin : Copper Alloy, 6u" Gold Plated

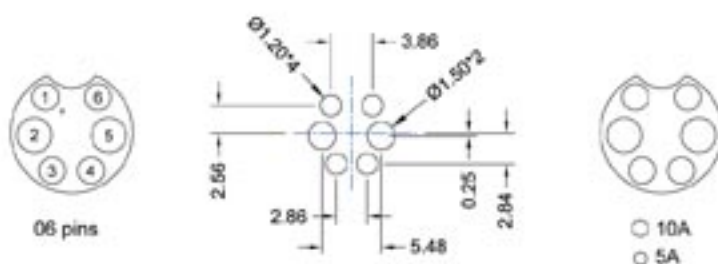
Connector Body : Nylon + GF, UL Recognized

Temperature Range : -40°C to 105°C

## Recommended Panel Cut-Out



## Pin Configuration and PCB Layout



## Mating Parts



LTWBBD-06BFMA <sup>7</sup> L7001

See Item List



LTWBBD-06 <sup>7</sup> FMM <sup>8</sup> <sup>11</sup> <sup>11</sup> <sup>11</sup> <sup>11</sup> A <sup>11</sup>

See Item List



See Item List



See Item List

## Accessories

# Lock Bayonet and Screw Type (10A+5A) : Panel Rear Mount (Male)

LTWBBD-06RMFS- C7001


New Product



## Material

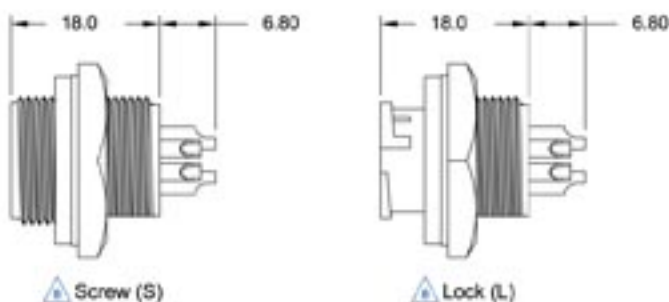
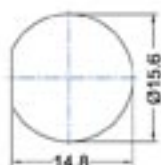
Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40 °C to 105 °C

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
4 Connector Type	Rear Mount	R
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Solder	S
 Mating Style	Lock or Screw	L or S
9 Backshell	Circular	C
10 Waterproof Rating	IP67	7
11 Version	Solder Contact	001

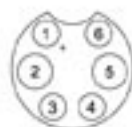
Circular Standard

## Recommended Panel Cut-Out



Panel Thickness Max:6.0mm

## Pin Configuration



06 pins



○ 10A  
 ○ 5A

## Mating Parts



LTWBBD-06BFMA- L7001

See Item List



LTWBBD-06  FMM-   A- 8

See Item List

## Accessory



See Item List

# Lock Bayonet and Screw Type (10A+5A) : Molded with Cable (Female)

LTWBBD-06 <sup>4</sup>FMM-<sup>8</sup><sup>9</sup><sup>10</sup>A<sup>12</sup>

Old Part Number : LTWBBD - 06 <sup>4</sup>FMM-<sup>8</sup>180

## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
<sup>4</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Molded with Cable	M
<sup>8</sup> Mating Style	Lock or Screw	L or S
<sup>9</sup> Backshell	Straight or Right	L or R
<sup>10</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>12</sup> Cable Length (L)	1 to 99 meters	01,...,99

<sup>4</sup>, <sup>11</sup>, <sup>12</sup> Excluded in Old Part Number

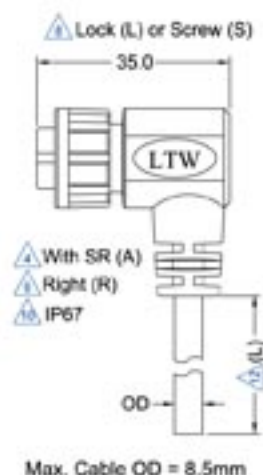
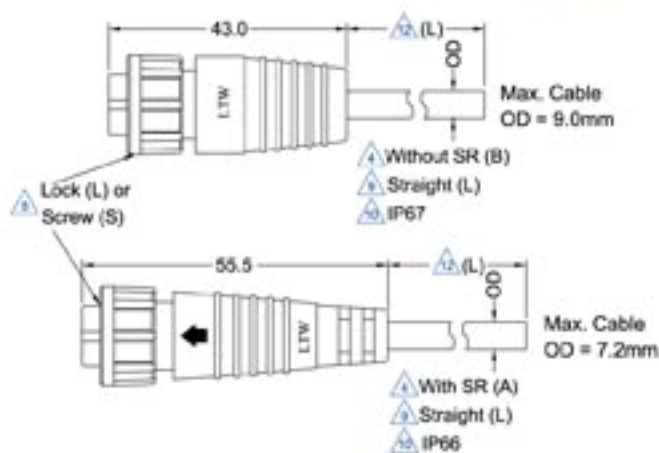
SR= Strain Relief

## Material

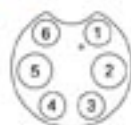
Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20 °C to 80 °C



## Pin Configuration



06 pins



○ 10A  
○ 5A

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
06	WCA0585UV01	PVC	Black	6.0

Note: Please see Cable Index for further details

## Mating Parts



LTWBBD-06BMFA-LL7001  
See Item List



LTWBBD-06 <sup>4</sup>FMM-LL<sup>10</sup>A<sup>12</sup>  
See Item List



LTWBBD-06 <sup>4</sup>MF<sup>7</sup>-<sup>4</sup>C7<sup>11</sup>  
See Item List



LTWBBD-06PMFM-<sup>8</sup>L7A<sup>12</sup>  
See Item List

## Accessories



See Item List



See Item List



See Item List

# Lock Bayonet Type (10A+5A) : Molded with Cable (Male)

LTWBBD-06 <sup>△</sup>4 MFM-LL <sup>△</sup>10 A <sup>△</sup>12

Old Part Number : LTWBBD-06 <sup>△</sup>4 MFM-L180



## Specifications

DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
<sup>△</sup> Connector Type	With or Without SR	A or B
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Molded with Cable	M
8 Mating Style	Lock	L
9 Backshell	Straight	L
<sup>△</sup> Waterproof Rating	IP67 or IP66	7 or 6
11 Standard Cable	UL2464 PVC Jacket	A
<sup>△</sup> Cable Length (L)	1 to 99 meters	01,...,99

<sup>△</sup>11, <sup>△</sup> Excluded in Old Part Number

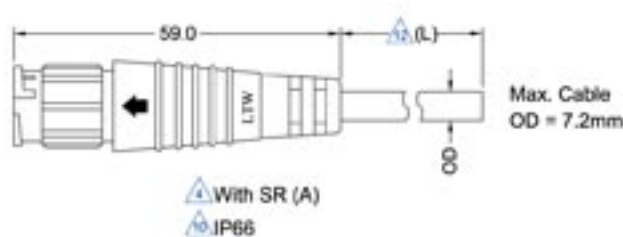
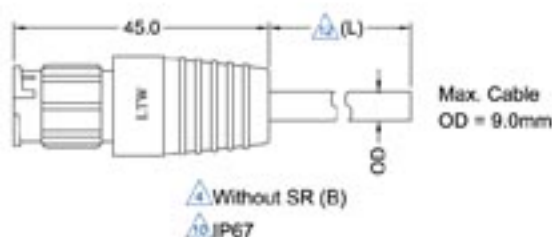
SR= Strain Relief

## Material

Pin : Copper Alloy, 6u" Gold Plated

Connector Body : Nylon + GF, UL Recognized

Cable Temperature : -20°C to 80°C



Circular Standard

## Pin Configuration



06 pins



○ 10A  
○ 5A

## LTW Standard Cable:

No. of Pins	Part no.	Type	Color	OD(mm)
06	WCA0585UV01	PVC	Black	6.0mm

Note: Please see Cable Index for further details

## Mating Parts



LTWBBD-06 <sup>△</sup>4 MFM-L <sup>△</sup>10 A <sup>△</sup>12

See Item List



LTWBBD-068FMA-LL7001

See Item List

## Accessories



See Item List



See Item List



See Item List



See Item List

# Lock Bayonet Type (10A+5A) : Field Installable (Male)

## LTWBBD-06BMFA-LL7001

Old Part Number : LTWBBD - 06BMFA-L180



### Specifications

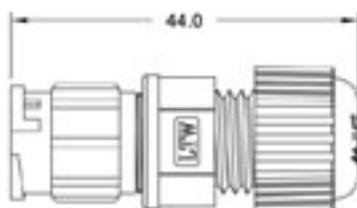
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
4 Connector Type	Without SR	B
5 Connector Gender	Male	M
6 Contact Gender	Female	F
7 Assembly Style	Field Installable (Slider Pins)	A
8 Mating Style	Lock	L
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

### Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

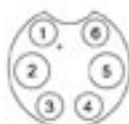
10, 11 Excluded in Old Part Number

SR= Strain Relief



Seals for Cable OD: Ø4.5mm-Ø6.5mm

### Pin Configuration



06 pins



○ 10A  
 ○ 5A

### Mating Parts



LTWBBD-06BFMA-LL7001

See Item List



LTWBBD-06AFMM-LLA

See Item List

### Accessories



See Item List



See Item List



See Item List



See Item List

# Lock Bayonet Type (10A+5A) : Field Installable (Female)

## LTWBBD-06BFMA-LL7001

Old Part Number: LTWBBD - 06BFMA - L180



### Specifications

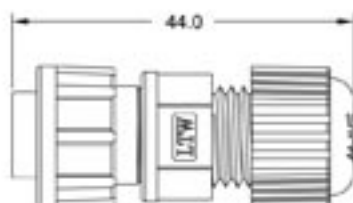
DESCRIPTION	DETAILS	CODE
1 Connector Size	Standard	B
2 Current Ratings	10A+5A	BD
3 Number of Contacts	6	06
4 Connector Type	Without SR	B
5 Connector Gender	Female	F
6 Contact Gender	Male	M
7 Assembly Style	Field Installable (Slider Pins)	A
8 Mating Style	Lock	L
9 Backshell	Straight	L
10 Waterproof Rating	IP67	7
11 Version	Without Cable	001

### Material

Pin : Copper Alloy, 6u" Gold Plated  
 Connector Body : Nylon + GF, UL Recognized  
 Temperature Range : -40°C to 105°C

10, 11 Excluded in Old Part Number

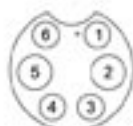
SR= Strain Relief



Seals for Cable OD: Ø4.5mm-Ø6.5mm

Circular Standard

### Pin Configuration



06 pins



○ 10A  
 ○ 5A

### Mating Parts



LTWBBD-06BMFA-LL7001

See Item List



LTWBBD-06MFM-LL7001

See Item List

### Accessories



See Item List

See Item List

See Item List