

LTW[®]

Innovation in Waterproof Solution



Outdoor LED Display Solutions

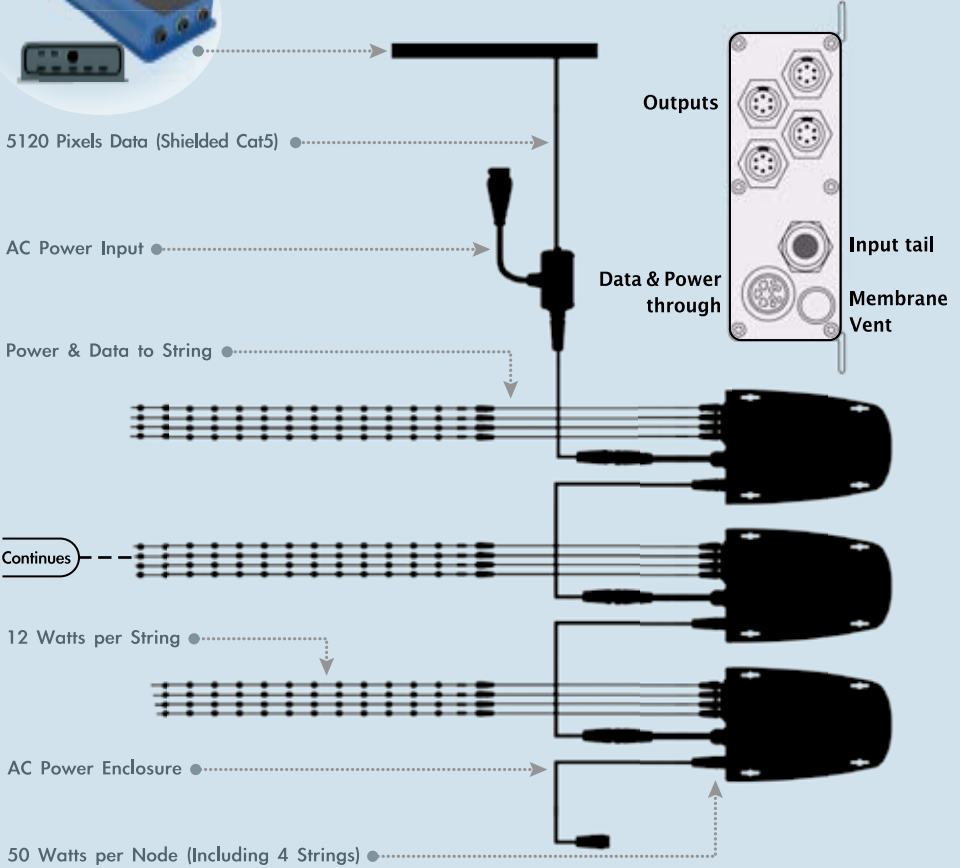
URL:www.ltw-tech.com

Outdoor LED System

ENCLOSURE



Enclosure (AP Box, LTWAP-ODU-M03002)
& Cable Gland (LTWCSG-12M001)



XXX - XX X X X X - X X XXX

Number of Contacts

- 02, 03,08 Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male Connector
- F – Female Connector
- I – I style

Specification

M8 Size:

- 8 – M8 Sensor Connector
- 8P – M8 Plastic Sensor Connector

M10.5 Size:

- 105 – M10.5 Sensor Connector

M12 Size:

- 12 – M12 M12 I-Style Sensor Connector
- 12L – M12 LED Sensor Connector
- 12P – M12 M12 I-Style Plastic Sensor Connector
- 12S – M12 Shield Sensor Connector
- 12B – M12 B-Coded Sensor Connector
- SBL – M12 B-Coded LED Sensor Connector
- SBP – M12 B-Coded Plastic Sensor Connector
- SBS – M12 B-Coded Shield Sensor Connector
- 12D – M12 D-Coded Sensor Connector
- SDL – M12 D-Coded LED Sensor Connector
- SDP – M12 D-Coded Plastic Sensor Connector
- SDS – M12 D-Coded Shield Sensor Connector

Waterproof Rating

- 5 = IP 65
- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Version

- 000 : Phantom
- Without Cable 001, 002,.....
- For Cable
 - A01 – 1M ~ A99 – 99M
 - A – PVC UL2464 Cable
 - B – PU VW-1 Cable

Back Shell

- L – Straight (180° For Cable Type)
- R – Right Angle (90° For Cable Type)
- C – Circular (For Panel Type)
- F – Front Hexagonal (For Panel Type)
- H – Rear Hexagonal (For Panel Type)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Assemble Style

- M – Molding Type
- A – Assembly Type (Solder)
- B – Assembly Type (Screw)
- C – Assembly Type (IDC)
- S – Solder Type
- P – PCB Type (180°)
- R – PCB Type (90°)

2 How to Order: Circular Connector

LTW®

XXX - XX X X X X - X X X XXX

Number of Contacts

- 02, 03, Pin

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel Front Mounting
- R – For Panel Rear Mounting

Connector Style

- M – Male Connector
- F – Female Connector

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight
(180° For Cable Type)
- R – Right Angle
(90° For Cable Type)
- C – Circular
(For Panel Type)
- S – Square
(For Panel Type)

Specification

- AD – Mini Size Current Rating 5A
- ASD – Mini Size Shield Current Rating 5A
- ASU – Mini Size Shield Current Rating 2A
- AU – Mini Size Current Rating 2A
- BB – Standard Size Current Rating 10A
- BBD – Standard Size Current Rating 10A+5A
- BD – Standard Size Current Rating 5A
- BDU – Standard Size Current Rating 5A+2A
- BSD – Standard Size Shield Current Rating 5A
- BSU – Standard Size Shield Current Rating 2A
- BSB – Standard Size Shield Current Rating 10A
- BU – Standard Size Current Rating 2A
- CB – Middle Size Current Rating 10A
- CBU – Middle Size Current Rating 10A+2A
- CBD – Middle Size Current Rating 10A+5A
- CC – Middle Size Current Rating 20A
- CD – Middle Size Current Rating 5A
- CDU – Middle Size Current Rating 5A+2A
- CU – Middle Size Current Rating 2A
- DC – Large Size Current Rating 20A
- DCD – Large Size Current Rating 20A+5A
- DD – Large Size Current Rating 5A
- DU – Large Size Current Rating 2A
- DSD – Large Size Shield Current Rating 5A
- ED – Macro Size Current Rating 5A

Version

- 000 : Phantom
- Without Cable
- 001, 002,.....
- For Cable
A01 – 1M ~ A99 – 99M
• A – UL2464 Cable

Assembly Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type
- B – Screw in Type

Contact Type

- M – Male
- F – Female
- C – Combo
- D – Female Power + Male Signal
- E – Male Power + Female Signal

XXX - XX X XX X - X X XXX

Cat

- 00
- 05 – Cat.5
- 5E – Cat.5e
- 06 – Cat.6

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel Front Mounting
- R – For Panel Rear Mounting

Connector Style

- MM – Plug Connector
- FF – Jack Connector

Mating Style

- L – Lock
- S – Screw
- Q – Quick

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight
(180° For Cable Type)
- R – Right Angle
(90° For Cable Type)
- C – Circular
(For Panel Type)
- S – Square
(For Panel Type)

Assembly Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type
- D – 110D
- I – IDC
- J – Jack
- T – Terminal Type

Specification

- RJ – RJ45 Connector
- RJS – RJ45 Shield Connector Plastics Nut
- RJM – RJ45 Shield Connector Metal Nut
- RJ0 – RJ 10PXC Connector (13/16"-16UN)
- RS0 – RJ 10PXC Shield Connector Plastics Nut (13/16"-16UN)
- RM0 – RJ 10PXC Shield Connector Metal Nut (13/16"-28UN)
- RJ8 – RJ 8PXC Connector (13/16"-16UN)
- RS8 – RJ 8PXC Shield Connector (13/16"-16UN)
- RJ6 – RJ 6PXC Connector (13/16"-16UN)
- RS6 – RJ 6PXC Shield Connector (13/16"-16UN)
- RM6 – RJ 6PXC Shield Connector Metal Nut (13/16"-28UN)
- RJ4 – RJ 4PXC Connector (13/16"-16UN)
- RS4 – RJ 4PXC Shield Connector (13/16"-16UN)
- RM4 – RJ 4PXC Shield Connector Metal Nut (13/16"-28UN)

Version

- 000 : Phantom
- Without Cable
001, 002,.....
- For Cable
A01 – 1M ~ A99 – 99M
- A – C5 UTP Cable
- B – C5 FTP Cable
- D – C5E UTP Cable
- E – C5E FTP Cable

4 How to Order: Combo Adaptor

LTW[®]

XXX - XXX XX X X - X X X XXX

First Connector Type

- RJ – RJ Unshield Connector
- RJS – RJ Shielded Connector

Second Connector Type

- 12A – M12 A-Coded Sensor Connector
- 12B – M12 B-Coded Sensor Connector
- 12D – M12 D-Coded Sensor Connector

Number of Second Connector Contacts

- 02 , 03 , Pin

For First Connector Pin Type

- M – Plug
- F – Jack

For Second Connector Pin Type

- M – Male Connector
- F – Female Connector

Version

- 001, 002,

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Mating Style

- L – Lock
- S – Screw
- C – Combo

Style

- L – Straight
(180° For Cable Type)
- R – Right Angle
(90° For Cable Ty

LTW[®]

XXX - XX X X X X - X X XXX

Specification

- HJ – HDMI Jack
- HP – HDMI Plug

HDMI

- 19 – 19 Pins

Style

- A – For Cable with S/R
- B – For Cable without S/R
- P – For Panel

Connector Style

- M – Male Connector
- F – Female Connector

Contact Type

- M – Male Connector
- F – Female Connector

Assemble Style

- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- R – 90° PCB Type

Version

- 000 : phantom
- Without Cable
001, 002,
- For Cable
A01 – 1M ~ A05 – 05M
- A – UL2464 Cable

Waterproof Rating

- 6 = IP 66
- 7 = IP 67
- 8 = IP 68

Back Shell

- L – Straight
(180° For Cable Type)
- R – Right Angle
(90° For Cable Type)
- C – Circular
(For Panel Type)
- S – Square
(For Panel Type)

Mating Style

- L – Lock
- S – Screw
- Q – Quick

INDEX

● M12 I Style Sensor Connector: Female Panel Connector	7
● M12 I Style Sensor Connector: Male Panel Connector	8
● M12 I Style Sensor Connector: Male Plastic Connector	9
● Circular Mini Size Connector	10
● Circular Standard Size Connector	14
● Circular Middle Size Connector	23
● Circular Large Size Connector	31
● Hybrid Connector Large Size	35
● Cable Joiner Instruction	36
● RJ45-Panel Mount Screw Type (13/16"-16UN)	38
● RJ45-Panel Mount Screw Type (13/16"-28UN)	40
● RJ45-Panel Mount Screw Type (15/16"-20UNEF)	42
● RJ45-Panel Mount Screw Type (1"-20UNEF)	44
● RJ45-Panel Mount Lock Type	45
● RJ 45-Field Installable (1"-20UNEF)	46
● RJ45 to M12 D-Coded Adaptor	47
● HDMI	48

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTW12-05PFIS-SF8 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 •  Means Different Versions 		<p>LTW12-05AMIM-S                 </p>	

8 M12 I Style Sensor Connector: Male Panel Connector

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTW12-05PMIS-SF8[△]</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • Solder Contacts • IP 68 • [△] Means Different Versions 	 	<p>LTW12-05AFIM-S[△]7[△]XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type with SR • [△] Available in Straight or Right • [△] Available in PVC or PU Cable 	
	<p>LTW12-05PMIP-SF8[△]</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Hexagonal Backshell • PCB Contacts • IP 68 • [△] Means Different Versions 	 	<p>LTW12-05BFIM-S[△]8[△]XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR • [△] Available in Straight or Right • [△] Available in PVC or PU Cable 	 <p>SOME SPEC. UPON REQUEST</p>
				<p>LTW12-05BFIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable
	<p>2</p> <p>LTW12-05PMIS-SH8[△]</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Rear Mounting • Solder Contacts • IP 68 • [△] Means Different Versions 		<p>LTWSI-050000-F00-YSBXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Y Cable Adaptor • PU Cable 	 <p>SOME SPEC. UPON REQUEST</p> 

Please Refer to Page 1 : How to Order

Male Connector		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTW12P-05BMIM-S  8  XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable • IP 68 		<p>LTW12P-05BFIM-S  8  XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type without SR •  Available in Straight or Right •  Available in PVC or PU Cable 	
<p>2</p> 	<p>LTW12P-05BMIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable • IP 68 		<p>LTW12P-05BFIA-SL8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Solder Contacts • Field Installable 	

10 Circular Mini Size Connector (2A)

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWASU-△PMMS-LS7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Solder Contacts • Square Backshell • IP 67 • △ Available in 4 to 6 Pins 		<p>LTWAWU-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
<p>2</p> 	<p>LTWAU-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		<p>UPON REQUEST</p> 	
<p>3</p> 	<p>LTWAWU-△PMM△△△△7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Available in Circular or Square Backshell • △ Means Different Versions 		<p>UPON REQUEST</p> 	
			<p>LTWAWU-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p> 

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 4~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>4</p> 	<p>LTWAW-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWAW-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
<p>5</p> 	<p>LTWAW-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 66 • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in IP 66 or IP 67 			<p>UPON REQUEST</p> 
<p>6</p> 	<p>LTWAW-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 4 to 6 Pins 		<p>LTWAW-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p> 
				

12 Circular Mini Size Connector (5A)

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWAD-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		<p>LTWAD-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	  
<p>2</p> 	<p>LTWAD-△PMM△-△3△7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • IP 67 • △ Available in 2 and 3 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Circular or Square Backshell • △ Means Different Versions 			<p>UPON REQUEST</p> 
<p>3</p> 	<p>LTWAD-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Solder Contacts • Circular Flange • Rear Mounting • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		<p>LTWAD-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p>  














Panel (Chassis) Mount		Mating Parts of 4~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>4</p> 	<p>LTWAD-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in IP 66 or IP 67 		<p>LTWAD-△△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 and 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
<p>5</p> 	<p>LTWAD-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 2 and 3 Pins 			<p>UPON REQUEST</p> 
				<p>UPON REQUEST</p> 
<p>6</p> 	<p>LTWASD-△PMM△-LS7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Square Backshell • IP 67 • △ Available in 2 and 3 Pins • △ Available in PCB or Solder Type 		<p>LTWAD-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 	<p>UPON REQUEST</p> 
				

Please Refer to Page 2 : How to Order

14 Circular Standard Size Connector (2A)




Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p style="text-align: center; font-size: 2em; color: #4F81BD;">1</p> 	<p>LTWBSU-10PMM[△]-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • [△] Available in PCB or Solder Type 		<p>LTWBSU-10BFFA-SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 	
<p style="text-align: center; font-size: 2em; color: #4F81BD;">2</p> 	<p>LTWBSU-10RMMS-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 		<p>LTWBSU-10BFFM-S[△][△][△]AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • [△] Available in Straight or Right • [△] Available in IP 66 or IP 67 	

Please Refer to Page 2 : How to Order











Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1 LTWBU-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type 		<p>LTWBU-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 10 and 12 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	<p>2 LTWBU-△PMM-△△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 10 and 12 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
	<p>3 LTWBU-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type 		<p>IP 67</p> <p>LTWBU-△BFFA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 10 and 12 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	<p>4 LTWBU-△△MMM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP 66 • △ Available in 10 and 12 Pins • △ With or without SR • △ Available in IP66 or IP67 			
	<p>5 LTWBU-△BMMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 10 and 12 Pins 			

Please Refer to Page 2 : How to Order

16 Circular Standard Size Connector (5A)


Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p>	<p>LTWBD-△PMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type 		<p>LTWBD-△FFM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
 <p>2</p>	<p>LTWBD-△PMM△△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 6 to 8 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 			
 <p>3</p>	<p>LTWBD-△PMMR-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 90° PCB Contacts • Circular Backshell • IP 67 • △ Available in 4 to 8 Pins • △ Available in Screw or Lock Type 	 <p>IP 66</p>	<p>LTWBD-△BFFA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
 <p>4</p>	<p>LTWBD-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type 			

Please Refer to Page 2 : How to Order










Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p>	<p>LTWBSD-△PMM△-S△7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • IP 67 • △ Available in 4 to 8 Pins • △ Available in PCB or Solder Type • △ Available in Circular or Square Backshell • △ Means Different Versions 		<p>LTWBD-△△FFM-△△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
 <p>2</p>	<p>LTWBSD-△RMMS-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 6 and 8 Pins 	 <p>IP 66</p>	<p>LTWBD-△BFFA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
 <p>3</p>	<p>LTWBD-△△MM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 2 to 8 Pins • △ With or without SR • △ Available in IP 66 or IP 67 		<p>LTWBSD-△BFFM-S△6AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 90° Molded with Cable • Screw Type • △ Available in 4 to 8 Pins • △ Available in Straight or Right 	
 <p>IP 67</p> <p>4</p>	<p>LTWBD-△BMMA-LL△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 8 Pins • △ Available in IP 66 or IP 67 			

18 Circular Standard Size Connector (5A)

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories	
CONNECTOR	P/N	CONNECTOR	P/N		
	<p>1</p> <p>LTWBD-△PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWBD-△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Molded with Cable • △ Available in 2 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 		
	<p>2</p> <p>LTWBD-△PMF△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 2 to 6 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 				
	<p>3</p> <p>LTWBD-△RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type 		<p>LTWBD-△BFMA-△L△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 90° Assembly Type • △ Available in 2 to 6 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 		
	<p>4</p> <p>LTWBD-△△MFM-LL△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 66 • △ Available in 2 to 6 Pins • △ With or without SR • △ Available in IP 66 or IP 67 				IP 67
	<p>5</p> <p>LTWBD-△BMFA-LL△001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • Field Installable • △ Available in 2 to 6 Pins • △ Available in IP 66 or IP 67 				

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWBDU-08PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in Screw or Lock Type 		<p>LTWBDU-08△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP66 or IP67 	
<p>2</p> 	<p>LTWBDU-08PMF△-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 			
<p>3</p> 	<p>LTWBDU-08RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Circular Backshell • Solder Contacts • IP 67 • △ Available in Screw or Lock Type 		<p>LTWBDU-08BFMA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type 	

20 Circular Standard Size Connector (10A)

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWBB-△PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△△FMM-△△△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • △ Available in 2 to 3 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP66 or IP67 	
<p>2</p>  	<p>LTWBB-△PMF△-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 • △ Available in 2 to 3 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 			   
<p>3</p> 	<p>LTWBB-△RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 		<p>LTWBB-△BFMA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 	  

Panel (Chassis) Mount		Mating Parts of 1~6		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWBB-△PMM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • IP 67 • 180° Molded with Cable • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type 		LTWBB-△FFM-△△△AXX FEATURES: <ul style="list-style-type: none"> • △ Available in 2 to 4 Pins • △ With or Without SR • △ Available in Screw or Lock Type • △ Available in Straight or Right • △ Available in IP 66 or IP 67 	
	2 LTWBB-△PMM△△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • IP 67 • Circular Backshell • △ Available in 2 to 4 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		LTWBB-△BFFA-△L△001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type • △ Available in IP 66 (2, 3 Pins) or IP 67 	
	3 LTWBB-△RMMS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • IP 67 • Solder Contacts • Circular Backshell • △ Available in 2 to 4 Pins • △ Available in Screw or Lock Type 			
	4 LTWBSB-04RMMS-SC7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • IP 67 • Solder Contacts • Circular Backshell 	IP 67		
	5 LTWBB-△△MMM-LL△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • IP 67 • △ Available in 2 to 4 Pins • △ With or without SR • △ Available in IP66 or IP67 		LTWBSB-04BFFM-SL7AXX FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable 	
	6 LTWBB-△BMMA-LL△001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 4 Pins • △ Available in IP 66 (2, 3 Pins) or IP 67 			
				
				

Please Refer to Page 2 : How to Order

22 Circular Standard Size Connector (10A+5A)

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>1</p> <p>LTWBBD-06PMFM  L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 •  Available in Screw or Lock Type 			
	<p>2</p> <p>LTWBBD-06PMF    C7 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Circular Backshell • IP 67 •  Available in PCB or Solder Type •  Available in Screw or Lock Type •  Means Different Versions 		<p>LTWBBD-06  FMM    AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> •  With or without SR •  Available in Screw or Lock Type •  Available in Straight or Right •  Available in IP 66 or IP 67 	
	<p>3</p> <p>LTWBBD-06RMFS  C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 •  Available in Screw or Lock Type 			
	<p>4</p> <p>LTWBBD-06  MFM-LL  AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable •  With or without SR •  Available in IP 66 or IP 67 		<p>LTWBBD-06BFMA  L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type •  Available in Screw or Lock Type 	
	<p>5</p> <p>LTWBBD-06BMFA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 			

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWCU-18PMMP-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • PCB Contacts • Circular Backshell • IP 67 • △ Available in Screw or Lock Type 		LTWCU-18△FFM-△L△7AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	LTWCU-18PMMP-SC7002 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 		LTWCU-18BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type 	

Please Refer to Page 2 : How to Order

24 Circular Middle Size Connector (5A)

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWCD-△PMFM-△L7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 7 to 9 Pins • △ Available in Screw or Lock Type 			
	2 LTWCD-△PMF△-△C7△ FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 7 or 9 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		LTWCD-△△FMM△L△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ Available in 7 to 9 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
	3 LTWCD-△RMFS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 7 or 9 Pins • △ Available in Screw or Lock Type 			
	4 LTWCD-△△MFM-LL△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP 67 • △ Available in 7 to 9 Pins • △ With or without SR • △ Available IP 66 or IP 67 		LTWCD-△BFMA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable • △ Available in 7 to 9 Pins • △ Available in Screw or Lock Type 	
	5 LTWCD-△BMFA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 7 to 9 Pins 			









Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	1 LTWCD-△PMMML7AXX FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 			
	2 LTWCD-△PMMMLC7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 			
	3 LTWCD-△RMMSLC7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 			
	4 LTWCD-△BMMA-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 • △ Available in 7 to 10, 12 and 14 Pins 			
	5 LTWCD-△△MMM-LL△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 7 to 10, 12 and 14 Pins • △ With or without SR • △ Available in IP 66 or IP 67 		LTWCD-△BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 7 to 10, 12 and 14 Pins • △ Available in Screw or Lock Type 	

26 Circular Middle Size Connector (5A+2A)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWCDU-△PMF△-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 12 and 14 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type 		LTWCDU-△BFMM-△L△AXX FEATURES: <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 12 and 14 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	
			LTWCDU-△BFMA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 12 and 14 Pins • △ Available in Screw or Lock Type 	

Please Refer to Page 2 : How to Order

























Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWCB-△PMFM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 		<p>LTWCB-△△FMM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 5 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available In IP 66 or IP 67 	
<p>2</p> 	<p>LTWCB-△PMF△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 4 to 5 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		<p>LTWCB-△BFMA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 	
<p>3</p> 	<p>LTWCB-△RMFS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 5 Pins • △ Available in Screw or Lock Type 			

Please Refer to Page 2 : How to Order

28 Circular Middle Size Connector (10A)

Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p>  <p>LTWCB-△PMMM-△L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 067 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		 <p>LTWCB-△△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ Available in 4 to 6 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 		
<p>2</p>  <p>LTWCB-△PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP67 • △ Available in 4 to 6 Pins • △ Available in PCB or Soder Type • △ Available in Screw or Lock Type • △ Means Different Versions 				
<p>3</p>  <p>LTWCB-△RMMS-△C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		 <p>LTWCB-△BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 4 to 6 Pins • △ Available in Screw or Lock Type 		 


Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWCB08-08PMF   C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 •  Available in PCB or Solder Type •  Available in Screw or Lock Type 		<p>LTWCB08-08  FMM- L7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded With Cable •  With or without SR •  Available in Screw or Lock Type 	
<p>2</p> 	<p>LTWCB08-08PMM   C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 •  Available in PCB or Solder Type •  Available in Screw or Lock Type 		<p>LTWCB08-08  FFM- L AX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable •  With or without SR •  Available in Screw or Lock Type •  Available in IP 66 or IP 67 	

Please Refer to Page 2 : How to Order

30 Circular Middle Size Connector (20A)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWCC-03PMMM-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° Molded with Cable • IP 67 		<p>LTWCC-03△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 <p>• Only for 1 and 2</p>	
<p>2</p> 	<p>LTWCC-03PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		<p>LTWCC-03BFFA-△L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in Screw or Lock Type <p>• Only for 1 and 2</p>	 
<p>3</p> 	<p>LTWCC-02PMFS-LC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		<p>LTWCC-02AFMM-LL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable <p>• Only for 3</p>	

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWDU-△PMM△-△C7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Type • Circular Backshell • IP 67 • △ Available in 20 to 22 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Means Different Versions 		<p>LTWDU-△△FFM-△L△AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • △ Available in 20 to 22 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 	

Please Refer to Page 2 : How to Order

32 Circular Large Size Connector (5A)




Panel (Chassis) Mount		Mating Parts of 1~5		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p>	<p>LTWDD-18PMF       </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • IP 67 •  Available in PCB or Solder Type •  Available in Screw or Lock Type •  Circular or Square Backshell •  Means Different Versions 		<p>LTWDD-18  FMM  L  AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable •  With or without SR •  Available in Screw or Lock Type •  Available in IP 66 or IP 67 	
 <p>2</p>	<p>LTWDD-18RMFS  C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 •  Available in Screw or Lock Type 		<p>LTWDD-18BFMA  L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type •  Available in Screw or Lock Type 	
 <p>3</p>	<p>LTWDS-18PMF  SS8 </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Square Backshell • IP 68 •  Available in PCB or Solder Type •  Means Different Versions 		<p>LTWDS-18BFMM-S  6AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Molded with Cable •  Available in Straight or Right 	
 <p>4</p>	<p>LTWDD-18BMFA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 		<p>LTWDD-18  MFM-LL  AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable •  With or without SR •  Available in IP 66 or IP 67 	

Please Refer to Page 2 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWDD-18PMM        </p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 •  Available in PCB or Solder Type •  Available in Screw or Lock Type •  Available in Circular or Square Backshell •  Means Different Versions 		<p>LTWDD-18  FFM     AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> •  With or without SR •  Available in Screw or Lock Type •  Available in Straight or Right •  Available in IP 66 or IP 67 	
<p>2</p> 	<p>LTWDD-18RMMS  C7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 •  Available in Screw or Lock Type 			
<p>3</p> 	<p>LTWDD-18  MMM  LL  AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 180° Molded with Cable • IP 67 •  With or without SR •  Available in IP 66 or IP 67 		<p>LTWDD-18BFFA  L7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type •  Available in Screw or Lock Type 	
<p>4</p> 	<p>LTWDD-18BMMA  LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • IP 67 			

34 Circular Large Size Connector (20A)

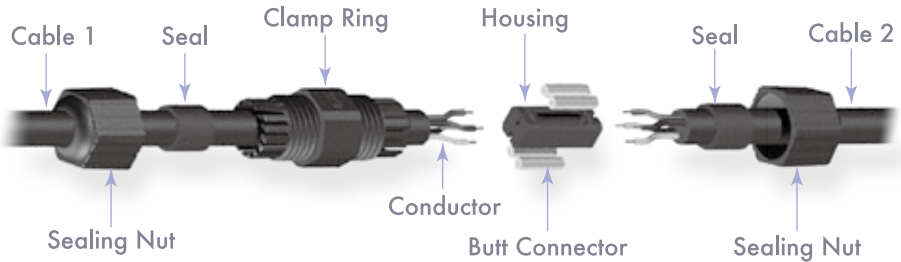
Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWDC-△PMFP-△C7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type 		LTWDC-△BFMB-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • △ Available in 2 and 3 Pins • △ Available in Screw or Lock Type <p>• Only for 1</p>	
	LTWDC-△PMM-△△△7001 FEATURES: <ul style="list-style-type: none"> • Front Mounting • IP 67 • △ Available in 2 to 7 Pins • △ Available in PCB or Solder Type • △ Available in Screw or Lock Type • △ Circular or Square Backshell 		LTWDC-△△△FFM-△L△AXX FEATURES: <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • △ Available in 2 to 7 Pins • △ With or without SR • △ Available in Screw or Lock Type • △ Available in IP 66 or IP 67 <p>• Only for 2 to 5</p>	
	LTWDC-△PMMP-LS7002 FEATURES: <ul style="list-style-type: none"> • Front Mounting • 180° PCB Contacts • Circular Backshell • IP 67 • △ Available in 3 to 5 Pins 		LTWDC-△BFFA-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Assembly Type • △ Available in 2 to 7 Pins • △ Available in Screw or Lock Type 	
	LTWDC-△RMMS-△C7001 FEATURES: <ul style="list-style-type: none"> • Rear Mounting • Solder Contacts • Circular Backshell • IP 67 • △ Available in 2 to 7 Pins • △ Available in Screw or Lock Type 		<p>• Only for 2 to 5</p> LTWDC-△BFFB-△L7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • △ Available in 2 to 3 Pins • △ Available in Screw or Lock Type 	
	LTWDC-03BMMB-LL7001 FEATURES: <ul style="list-style-type: none"> • Without SR • 180° Screw in Type • IP 67 		<p>• Only for 2 to 5</p>	

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWDCD-12PMDS-LC7001 <u>FEATURES:</u> <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		LTWDCD-12AFEM-L[△]7AXX <u>FEATURES:</u> <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • [△] Available in Straight or Right 	
	LTWDCD-12PMES-LC7001 <u>FEATURES:</u> <ul style="list-style-type: none"> • Front Mounting • Solder Contacts • Circular Backshell • IP 67 		LTWDCD-12AFDM-L[△]7AXX <u>FEATURES:</u> <ul style="list-style-type: none"> • With SR • 180° Molded With Cable • [△] Available in Straight or Right 	

Please Refer to Page 2 : How to Order

LTWCX-04BAM20-7001

Name of Parts



Features:

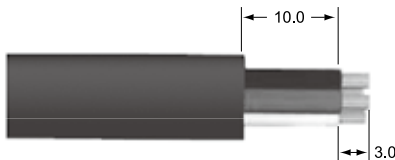
- Mating Style: Screw Type
- IP Rating : 67
- No. of Cable Conductors it can connect: 2 to 4

Recommended Hand Tool:

LTWTOL-222901



1



Recommended Cable Gauge:
16AWG to 24AWG

► Strip Cable sheath and insulation.

2



► Insert Cable strip ends into Cable Joiner parts as shown.

3



▶ Insert the **Conductors of Cale 1** into **Butt Connector** and press down to clip the wire.

4



▶ Insert the **Conductors of Cale 2** into the other end of **Butt Connector** and press down to clip.

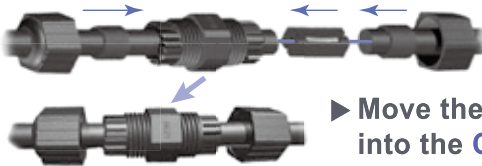
⚠ For safety, it is advisable that conductor colors should match!

5



▶ Mount the **Butt Connectors** with the clipped conductors to **Housing**.

6



▶ Move the **Housing and Seals** into the **Clampring** as shown.



7



▶ Connect **Sealing Nuts** to the opposite ends of **Clamp Ring**. Tighten using **Hand Tool** or hand while holding assy.

⚠ Good for AC use but no safety agency approval for this connector. For further info please contact us with complete electrical specs.


38 RJ45-Panel Mount Screw Type (13/16"-16UN)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRJ6-00PFFJ-SC7001</p> <p><u>FEATURES:</u></p> <ul style="list-style-type: none"> • RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 		<p>LTWRJ6-00BMMMA-SL7001</p> <p><u>FEATURES:</u></p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	
			<p>LTWRJ6-00BMMM-SL7AXX</p> <p><u>FEATURES:</u></p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • RJ45 • IP 67 	

Please Refer to Page 3 : How to Order


Panel (Chassis) Mount		Mating Parts of 1~3		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWRJ8-5EPFFJ-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 		<p>LTWRJ8-00AMMA-SL7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67 	
			<p>LTWRS8-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 • △ Means Different Versions 	
<p>3</p> 	<p>LTWRJ0-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Cat.5E • RJ45 Jack • Screw Type • IP 67 • △ Means Different Versions 		<p>LTW△-△BMMM-SL7△X</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • △ RJ45 or Shielded RJ45 • △ Cat.5 or Cat.5E • △ Cable UTP or FTP 	
			<p>LTWRS0-5EBMMM-SL7EXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • RJ45 • Cat.5E 	

40 RJ45-Male Connector Screw Type: Metal Version (13/16"-16UN)








Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRM0-5EBMMM-SL7EXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • Shielded RJ45 • Cat.5E • Cable FTP 			

Please Refer to Page 3 : How to Order




RJ45-Male Connector Screw Type: Metal Version (13/16"-28UN)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRJM-5EBMMM-SL7EXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • RJ45 • Cat.5E • Cable FTP 			

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts of 1~4		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p>	<p>LTW△-5EPFF△-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Cat.5E • IP 67 • △ RJ45 or Shielded RJ45 • △ 110D or RJ45 Jack • △ Means Different Versions 		<p>LTW△-△BMMM-SL7△XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • IP 67 • △ RJ45 or Shielded RJ45 • △ Cat.5 or Cat.5E • △ Cable UTP or FTP 	
 <p>2</p>	<p>LTWRJ-05PFFT-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Cat.5 • Terminal Type • Screw Type • IP 67 		<p>LTWRJ-00AMMA-SL7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67 	
 <p>3</p>	<p>LTWRJS-5EPFFJ-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • RJ45 Jack • Cat.5E • Shielded RJ45 • IP 67 • △ Means Different Versions 			
 <p>4</p>	<p>LTW△-5EAFFM-SL7△XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Cat.5E • IP 67 • △ RJ45 or Shielded RJ45 • △ Cable UTP or FTP 		<p>LTWRJ-00BMMMA-SL7005</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	

42 RJ45-Panel Mount Screw Type (15/16"-20UNEF)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRJ-△PFFD-SS7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • 110D • RJ45 • IP 67 • △ Cat.5E or Cat.6 		<p>LTWRJ-00BMMA-SL7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	





Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
<p>1</p> 	<p>LTWRJS-APFF-SS7</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • IP 67 • AP 00 or Cat.5E • AS 110D, RJ45 Jack or PCB 90 • AM Means Different Versions 		<p>LTWRJS-AMMM-S7XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Molded with Cable • Shielded RJ45 • IP 67 • AS Cat.5 or Cat.5E • AS Availabl in Straight or Right • AM Cable UTP or FTP 	
	<p>2</p> 	<p>LTWRJS-5EPFFJ-SS7002</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • IP 67 • Cat.5E • RJ45 Jack 		<p>LTWRJ-00AMMA-SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • With SR • RJ45 • IP 67
			<p>LTWRJ-00BMMMA-SL7004</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 • IP 67 	

44 RJ45-Panel Mount Screw Type: Metal Version (1"-20UNEF)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRJS-△PPFD-S△7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • 110D • RJ45 Shielded • IP 67 • △ Cat.5E or Cat.6 • △ Circulr or Square Backshell 		<p>LTWRJ-00BMMA-SL7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 or Shielded RJ45 • IP 67 • △ Means Different Versions 	
			<p>LTWRJ-00BMMA-SL8003</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • Without SR • RJ45 or Shielded RJ45 • IP 68 	

Please Refer to Page 3 : How to Order


Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTW△-5EPFFP-LC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Lock Type • PCB 180 • Cat.5E • IP 67 • △ RJ45 or Shielded RJ45 		<p>LTW△-5EAMMM-L△7△XX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Lock Type • Molded with cable • Cat.5E • IP 67 • △ RJ45 or RJ45 Shielded • △ Available in traight or Right • △ Cable UTP or FTP 	
			<p>LTWRJ-00△MMA-LL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 • Lock Type • Field Installable • IP 67 • △ With or Without SR 	

Please Refer to Page 3 : How to Order



46 RJ 45-Field Installable (1"-20UNEF)

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWRJS-00PFFJ-SC7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • RJ45 Jack • IP 67 			
	<p>LTWRJS-00PFFA-SC7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • Field Installable • IP 67 • △ Means Different Versions 			
	<p>LTWRJS-00BFFA-SL7△</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • RJ45 Shielded • Screw Type • Field Installable • IP 67 • △ Means Different Versions 			

Please Refer to Page 3 : How to Order

Panel (Chassis) Mount		Mating Parts of 1 & 2		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	LTWRJS-12D08FM-RS6001 FEATURES: <ul style="list-style-type: none">• RJ45 Shielded• M12 D-Coded• Screw Type• IP 66			

Please Refer to Page 4 : How to Order

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
	<p>LTWHJ-19PFFR-QS7001</p> <p><u>FEATURES:</u></p> <ul style="list-style-type: none"> • Latch Type • 90° PCB • IP67 		<p>LTWHP-19AMMM-QL7AXX</p> <p><u>FEATURES:</u></p> <ul style="list-style-type: none"> • With SR • 180° Molded with Cable • IP67 	

Please Refer to Page 5 : How to Order

About LTW

Established in 1993, LTW Technology is a professional innovator and the only manufacturer focusing on outdoor waterproof connectors in Asia.

LTW has being activity devoted itself to various outdoor applications and successfully developed high-end waterproof connectors, which are high/low temperature resistant, UV resistant, sands corrosion proof. Based on customers' request, LTW's products also pass UL and TUV verification; the stable quality system and service has won customers' long lasting trust and confidence.

LTW headquarter at Shinjuang, Taipei with a R&D center in Hualien Environmental Science Park for preliminary products development and pilot run and a CNC center and mold factory in Su-Lin; as well as a complete production line in Kunshan, China is vigorously operating.

Products

LTW designs and manufactures waterproof and watertight connectors and cable assemblies for various purposes and applications. All products either meet IP66, IP67, IP68 or IP69K. The products ranges are wide and include: RJ / Sensor / USB / Power Connector...etc.

All were designed and built to meet one or all the toughest requirements such as: Temperature resistant, Fire-proof, Dirt-proof, EMI-proof, Vibration-proof, Shock-proof, UV resistant, Oil resistant, Chemical resistant, Environmental-friendly, Durable, Long Life cycle, Easy of Use and Power & Data, Power or Data only in one connector, Cost effective and competitive pricing.

Applications

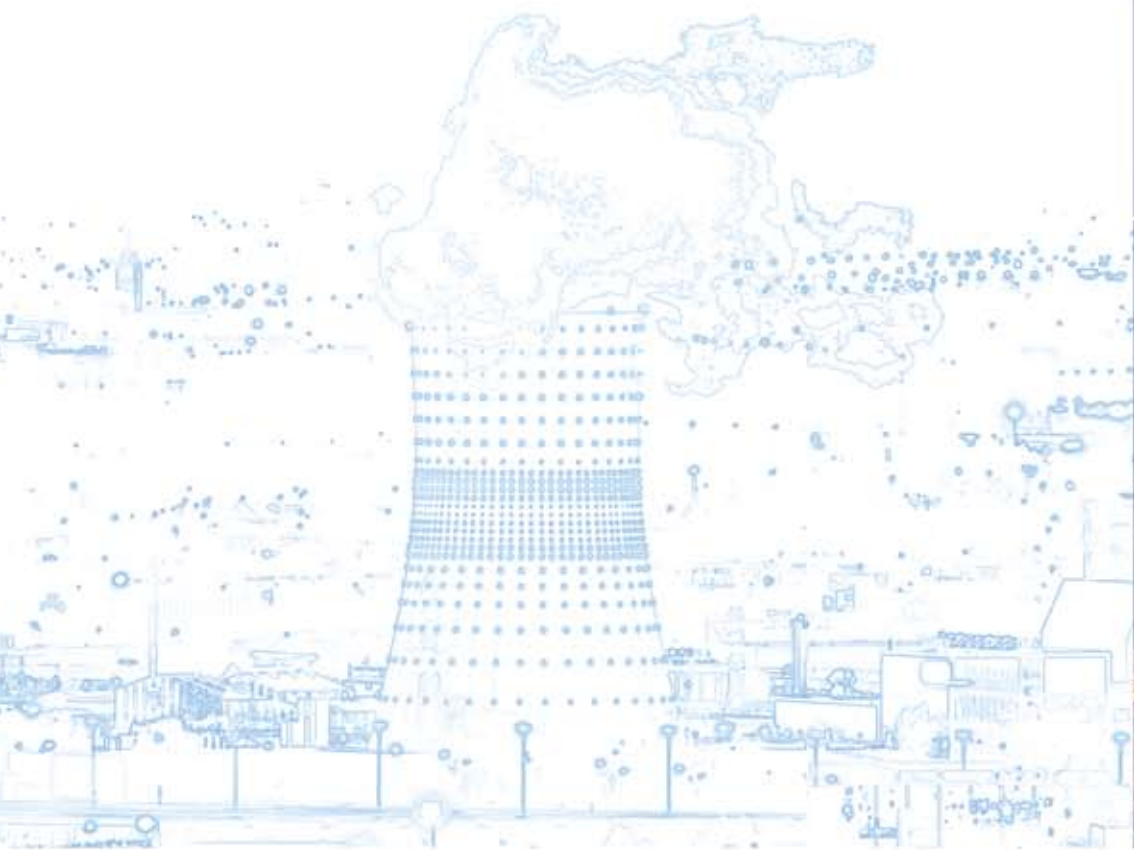
LTW is more than a supplier of connector but a solution provider to your challenges and problems.

LTW connector solutions targeting the following market applications:

- Aerospace, Medical
- Industrial Automation
- GPS
- Military, Marine
- Outdoor Surveillance
- LED Screen & Lighting
- Diving Device
- Automobile
- Renewable Energy
- Sonar Radar
- Audio/Video
- WiMax/Wireless Communication

LTW is dedicated to satisfy worldwide customers by innovative design and qualified manufacture for different market segments.

LTW[®]



LTW TECHNOLOGY CO.,LTD.

Head Office (Taiwan):

LTW TECHNOLOGY CO., LTD.

10F, No.657-12, Jungjeng Road, Shinjuang
City, Taipei County 242, Taiwan

Tel: +886-2-2908-5626

Fax: +886-2-2902-9787~88

e-mail: sales@ltw-tech.com

Branch Office (China):

KUNSHAN ZHENGRI ELECTRONIC CO., LTD.

No.2 Jian Yue Road, Peng Lang Street, Kunshan City,
Jiangsu Province, China

Tel: +86-512-5761-0501~2

Fax: +86-512-5761-0515

Sales Contact (East China): +86-512-5761-0512
(South China): +86-755-2823-2407

137-1383-4316

Distributed by :