

D-Sub Connector



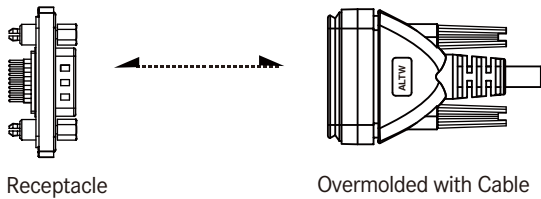
CATALOGUE

D-Sub Connector

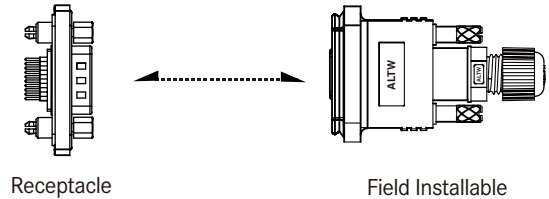


Range Overview

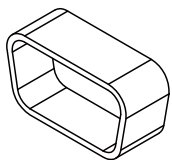
Receptacle to Overmolded with Cable



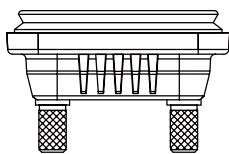
Receptacle to Field Installable



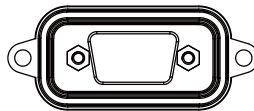
Accessories



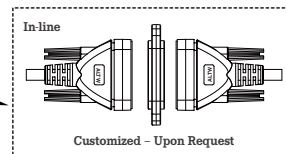
Dust Cap
See page 21-10



Waterproof Cap
See page 21-16



Joint
See page 21-23



Specification

Identifications	Standard D-Sub Connector High Density D-Sub Connector
Description	Receptacle Overmolded with Cable Field Installable
Current Rating / Data	Standard D-Sub : 5A High Density D-Sub : 2A
Material	Contacts: Copper Alloy, Gold Plated Connector Body (Housing) : Nylon 9T or PBT, UL Recognized Shell: Steel, Nickel Plated
Waterproof Rating	Receptacle: IP68 Overmolded with Cable: IP67 Field Installable: IP67
Temperature Range	Receptacle: -20°C~105°C Overmolded with Cable: -20°C~80°C Field Installable: -20°C~105°C
Contact Resistance	≤ 20mΩ
Insulation Resistance	≥ 500mΩ at DC500V
Durability	500 cycles
Breakdown Voltage	≥ AC500V / 1 minute
More to know	Standard Cable Length: 01~99M

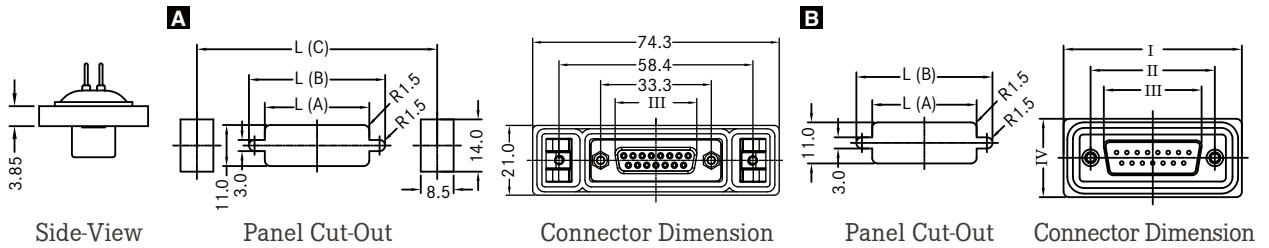
* Design and specification are subject to change without notice.

Ordering Information

1	2	3	4	5	6	7	8	9	10
Specification > <u>Standard</u> (SDB) D-SUB > <u>High Density</u> (HDB) High Density D-SUB									
Number of Contacts 09,15,,25,26...78 Contacts Ex. 09 Pin = (09)									
Connector Body (Style) > <u>For Receptacle</u> (P) Front Fastened > <u>For Overmolded with Cable</u> (A) With Strain Relief > <u>For Field installable</u> (B) Without Strain Relief									
Connector (Housing) Gender (M) Male (F) Female									
Contact Gender (M) Male (Plug) (F) Female (Jack)									
Assemble Style > <u>For Receptacle</u> (S) Solder Type (P) PCB Type (90° / 180°) > <u>For Overmolded with Cable</u> (M) Overmolded with Cable > <u>For Field Installable</u> (A) Field Installable (Solder) (C) Field Installable (Crimped)									
Mating Style (S) Screw Thread (Q) Automated Latch									
Backshell > <u>For Receptacle</u> (With Board Lock) (A) Straight (B) Right Angle (Without Board Lock) (L) Straight (R) Right Angle > <u>For Overmolded with Cable</u> (Without Board Lock) (L) Straight > <u>For Field Installable</u> (Without Board Lock) (L) Straight									
Waterproof Rating (7) IP 67 (8) IP 68									
More Information > <u>For Receptacle</u> (001), (002)..... Without Cable : Different Versions > <u>For Overmolded with Cable</u> (□)+(■) : Cable Type + Cable Length EX. (A01) = UL2464 Cable + 1M (□) : Cable Type (A) UL2464 Cable (■) : Cable Length From 1M to 99M EX. (01) = 1M									

Physical Dimension

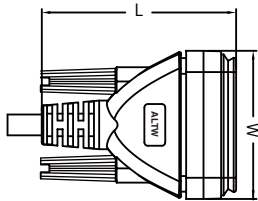
Receptacle



Current Rating		Dimension	Type	L (A)	L (B)	L (C)	I	II	III	IV	
Connector	Current Rating	Number of Contacts	Female / Male				Female	Male	Female	Male	Female / Male
Standard D-SUB	5A	9Pins	B	20.0	28.2	-	39.4	25.0	16.33	16.92	21.0
		15Pins	A	28.0	36.5	58.4	-	-	24.66	25.25	-
			B	28.0	36.5	-	47.8	33.3	24.66	25.25	21.0
		25Pins	B	41.5	51.0	-	64.5	47.04	38.38	38.96	21.0
		37Pins	B	57.9	67.8	-	78.4	63.5	54.8	55.4	21.3
High Density D-SUB	2A	50Pins	B	55.5	65.0	-	75.9	61.1	52.25	52.81	23.9
		15Pins	B	20.2	28.2	-	39.4	25.0	16.33	16.92	21.0
		26Pins	A	28.0	36.5	58.4	-	-	24.66	25.25	-
			B	28.0	36.5	-	47.8	33.3	24.66	25.25	21.0
		44Pins	B	41.5	51.0	-	64.5	47.04	38.38	38.96	21.0
62Pins	B	57.9	67.8	-	78.4	63.5	54.8	55.4	21.3		
78Pins	B	55.5	65.0	-	75.9	61.1	52.25	52.81	23.9		

* Maximum Panel Thickness: 2mm

Overmolded with Cable

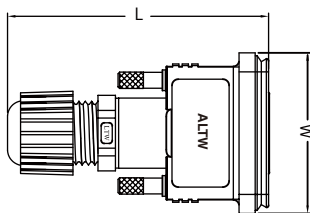


With Strain Relief / Straight

Current Rating			Dimension	L	W
Connector	Current Rating	Number of Contacts	Female / Male	Female / Male	Female / Male
Standard D-SUB	5A	9	55.9	42.4	
		15	53.5	50.6	
		25	60.0	64.5	
		37	69.3	81.1	
		50	71.8	79.3	
High Density D-SUB	2A	15	55.9	42.4	
		26	53.5	50.6	
		44	60.0	64.5	
		62	69.3	81.1	
		78	71.8	79.3	

Dimensions are shown in millimeters

Field Installable










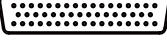


Without Strain Relief / Straight

Current Rating			Dimension	L	W
Connector	Current Rating	Number of Contacts	Female / Male	Female / Male	Female / Male
Standard D-SUB	5A	9	66.8	42.8	
		15	63.0	50.7	
		25	81.6	50.6	
		37	91.9	64.4	
High Density D-SUB	2A	15	66.8	42.8	
		26	63.0	50.7	
		44	81.6	50.6	
			91.9	64.4	

Dimensions are shown in millimeters

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Contact Configuration

	Standard D-SUB (5A)	High Density D-SUB (2A)
9Pin (09)	 R C F	
15Pin (15)	 R C F	 R C F
25Pin (25)	 R C F	
26Pin (26)		 R C F
37Pin (37)	 R C	
44Pin (44)		 R C F
50Pin (50)	 R C	
62Pin (62)		 R C
78Pin (78)		 R C

R: Receptacle
C: Overmolded with Cable
F: Field Installable

- ▲ 2A (HDB) 1
- 5A (SDB)

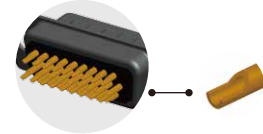
Number of Contacts : 2
Ex.2 contacts (02)

Connector (Housing) Gender: 4
Male(M) or Female(F)

Contact Gender: 5
Male(M) or Female(F)

More to Choose: 6

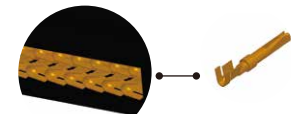
- Solder (S)
- Solder Contact



- PCB Type (P)
- 90° PCB - 180° PCB

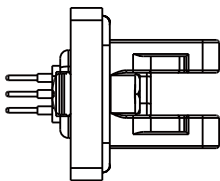


- Crimp type (C)

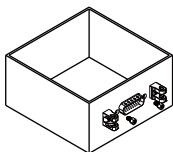


Product Features

Receptacle

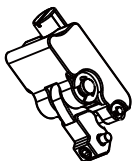


Connector Body(Style) 3



Front Fastened (P)

Mating Style 7

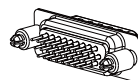


Automated Latch (Q)

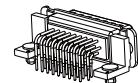


Screw Thread (S)

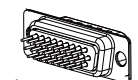
Backshell 8



(With Board Lock)
Straight (A)



Right Angle (B)

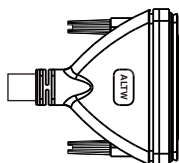


(Without Board Lock)
Straight (L)



Right Angle (R)

Overmolded with Cable

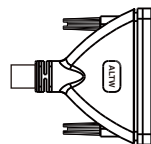


Mating Style 7



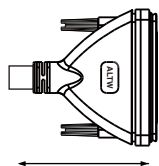
Screw Thread (S)

Connector Body(Style) 3



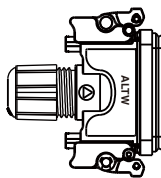
With Strain Relief (A)

Backshell 8



Straight (L)

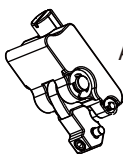
Field Installable



(Metal Item)

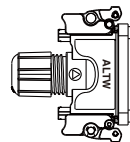
Mating Style 7

(Metal Item)

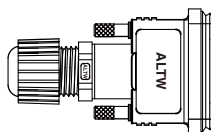


Automated Latch (Q)

Connector Body(Style) 3



Without Strain Relief (B)



(Plastic Item)

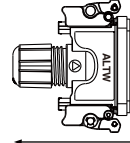
Mating Style 7

(Plastic Item)



Screw Thread (S)

Backshell 8

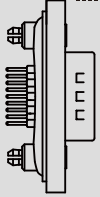
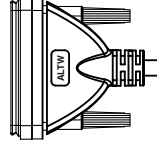
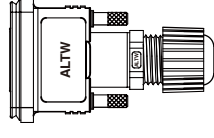


Straight (L)

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Find Our Standard Products

Receptacle and Mating Pair

<ul style="list-style-type: none"> • Male Connector (Housing) • Male Contacts • Screw Thread • Plastic Connectors 				
		<p>**Choose the cable length: 01-99m</p>		
Current Rating (Code)	Contacts 2	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Standard D-SUB 5A (SDB)	09, 15, 25, 37, 50	SDB-2 PMMP-SA800 1 SDB-2 PMMP-SB800 1 SDB-2 PMMP-SL800 1 SDB-2 PMMP-SR800 1 SDB-2 PMMS-SL800 1	SDB-2 AFFM-SL7A**	SDB-2 BFFA-SL700 1 SDB-2 BFFC-SL700 1
High Density D-SUB 2A (HDB)	15, 26, 44, 62, 78	HDB-2 PMMP-SA800 1 HDB-2 PMMP-SB800 1 HDB-2 PMMP-SL800 1 HDB-2 PMMP-SR800 1 HDB-2 PMMS-SL800 1	HDB-2 AFFM-SL7A**	HDB-2 BFFA-SL700 1
		- PCB 180° with Board Lock : 5A (SDB) 09 / 15 / 25 / 37 pins. 2A (HDB) 15 / 26 / 44 / 62 pins. - PCB 90° with Board Lock: 5A (SDB) 09 / 15 pins. 2A (HDB) 15 / 26 pins. - Solder Type: 5A (SDB) 09 / 15 / 25 / 37 / 50 pins. 2A (HDB) 15 / 26 / 44 / 62 / 78 pins.	-	- Crimp Pin: 5A (SDB) 09 / 15 / 25 pins. - Solder Pin: 5A (SDB) 09 / 15 / 25 pins. 2A (HDB) 15 / 26 / 44 pins.

▾ Receptacle and Mating Pair

<ul style="list-style-type: none"> • Female Connector (Housing) • Female Contacts • Screw Thread • Plastic Connectors 		Receptacle	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts 2	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Standard D-SUB 5A (SDB)	09, 15, 25, 37, 50	SDB- 2 PFFP-SA800 1 SDB- 2 PFFP-SB800 1 SDB- 2 PFFP-SL800 1 SDB- 2 PFFP-SR800 1 SDB- 2 PFFS-SL800 1	SDB- 2 AMMM-SL7A**	SDB- 2 BMMA-SL700 1 SDB- 2 BMMC-SL700 1
High Density D-SUB 2A (HDB)	15, 26, 44, 62, 78	HDB- 2 PFFP-SA800 1 HDB- 2 PFFP-SB800 1 HDB- 2 PFFP-SL800 1 HDB- 2 PFFP-SR800 1 HDB- 2 PFFS-SL800 1	HDB- 2 AMMM-SL7A**	HDB- 2 BMMA-SL700 1
		- PCB 180° with Board Lock : 5A (SDB) 09 / 15 / 25 / 37 pins. 2A (HDB) 15 / 26 / 44 / 62 pins. - PCB 90° with Board Lock: 5A (SDB) 09 / 15 pins. 2A (HDB) 15 / 26 pins. - Solder Type: 5A (SDB) 09 / 15 / 25 / 37 / 50 pins. 2A (HDB) 15 / 26 / 44 / 62 / 78 pins.	-	- Crimp Pin: 5A (SDB) 09 / 15 / 25 pins. - Solder Pin: 5A (SDB) 09 / 15 / 25 pins. 2A (HDB) 15 / 26 / 44 pins.

**Choose the cable length: 01-99m

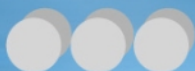
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∟ Receptacle and Mating Pair

<ul style="list-style-type: none"> • Male Connector (Housing) • Male Contacts • Automated Latch • Metal Connectors 		Receptacle	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts	Male Connector (M) Male Contacts (M)	Female Connector (F) Female Contacts (F)	Female Connector (F) Female Contacts (F)
Standard D-SUB 5A (SDB)	15	SDB-15PMMP-QA8001 SDB-15PMMP-QB8001 SDB-15PMMP-QL8001 SDB-15PMMS-QL8001	-	SDB-15BFFA-QL7001
High Density D-SUB 2A (HDB)	26	HDB-26PMMP-QA8001 HDB-26PMMP-QB8001 HDB-26PMMP-QL8001 HDB-26PMMS-QL8001	-	HDB-26BFFA-QL7001

∟ Receptacle and Mating Pair

<ul style="list-style-type: none"> • Female Connector (Housing) • Female Contacts • Automated Latch • Metal Connectors 		Receptacle	Overmolded with Cable	Field Installable
Current Rating (Code)	Contacts	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Standard D-SUB 5A (SDB)	15	SDB-15PFFP-QA8001 SDB-15PFFP-QB8001 SDB-15PFFP-QL8001 SDB-15PFFS-QL8001	-	SDB-15BMMA-QL7001
High Density D-SUB 2A (HDB)	26	HDB-26PFFP-QA8001 HDB-26PFFP-QB8001 HDB-26PFFP-QL8001 HDB-26PFFS-QL8001	-	HDB-26BMMA-QL7001



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