

Amphenol® LTW®

Amphenol LTW



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Distributed by :

Amphenol® LTW®

Waterproof Connector Solutions

Amphenol® LTW® Innovation in Waterproof Solution



Complete Range of Waterproof Connectors & Cable Assembly

www.amphenolltw.com

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

Number of Contacts

- 09, 15, 25, 26, ...78 Pins

Style

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

Connector Style

- M – Male Connector
- F – Female Connector
- N – Not Connector

Contact Type

- M – Male
- F – Female
- N – Not Pin

Specification

- SDB – D-SUB Shielded Connector
- HDB – High Density D-SUB Shielded Connector
- PDB – D-SUB Plastic Connector
- HDP – High Density D-SUB Plastic Connector
- DJ1 – DB 09 Pin HD 15 Pin Joint
- DJ2 – DB 15 Pin HD 26 Pin Joint
- DJ3 – DB 25 Pin HD 44 Pin Joint
- DJ4 – DB 37 Pin HD 62 Pin Joint
- DJ5 – DB 50 Pin HD 78 Pin Joint

Version

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

Waterproof Rating

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

Back Shell

- L – Straight
(180° without Broad Lock)
- R – Right Angle
(90° without Broad Lock)
- A – Straight with Board Lock
(180° with Board Lock for PCB Panel)
- B – Right Angle with Board Lock
(90° with Board Lock for PCB Panel)
- J – With RJ45 Jack

Mating Style

- L – Latch
- S – Screw
- Q – Quick

Assembly Style

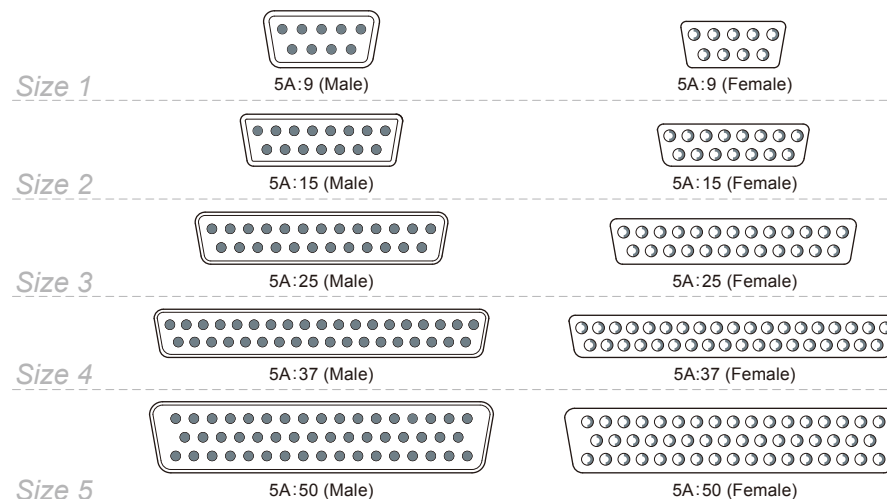
- M – Molding Type
- A – Assembly Type
- S – Solder Type
- P – 180° PCB Type
- C – Crimp Type

SPECIFICATIONS

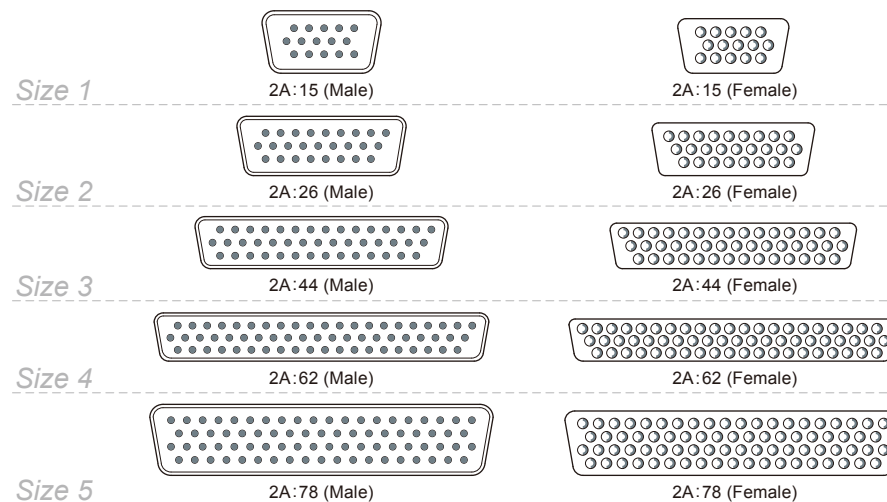
No.	Specifications	Standard Value
01. Identifications		Standard D-Sub Connector High Density D-Sub Connector
02. Description		Panel Mount, Molded with Cable and Field Installable
03. Current Rating / Pin Arrangements		Standard D-Sub: 5A: 9, 15, 25, 37, 50 High Density D-Sub: 2A: 15, 26, 44, 62, 78
04. Material		Contacts: Copper Alloy, Gold Plated Connector Body: Nylon 9T or PBT, UL Recognized Shell: Steel, Nickel Plated
05. Temperature Range		Cable: -20°C to +80°C Connector Body: -40°C to +105°C
06. Waterproof Rating		IP67, IP68
07. Contact Resistance		≤20mΩ
08. Insulation Resistance		≥500mΩ at DC 500V
09. Breakdown Voltage		≥AC 500V / 1 Minute
10. Standard Cable Length (for Molded Cable)		1-99M (Standard Cable: UL2464)
11. Field Installable		All Solder Contacts Unless and Otherwise Indicated

CONTACT PIN ARRANGEMENT

Standard D-SUB



Hi-Density D-SUB

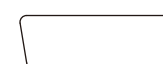


Male: • 2A • 5A

Female: ○ 2A ○ 5A



Male Connector
(Male Pin)



Female Connector
(Female Pin)

Panel (Chassis) Mount		Mating Parts of 1~3		
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTWSDB-15P     -Q  8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 15 Pins • Push-pull Type • Shielded • IP68 •  Available in FF or MM Style •  Available in PCB or Solder Style •  Available in PCB180°, PCB90°, Straight 		 <p>LTWSDB-15B     A-QL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • Push-pull Type •  Available in FF or MM Style • Solder Contacts • Field Installable • IP 67 		
	    <p>2</p> <p>LTWSDB-9P     -S  001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded •  Available in 9, 15, 25 and 37 pins •  Available in FF or MM Style •  Available in PCB or Solder Style •  Available in PCB180°, PCB90°, Straight or Right •  Available in IP 67 or IP 68 		 <p>LTWSDB-9A     M-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded • Screw Type • Molded with Cable • IP 67 •  Available in 09, 15, 25 and 37 Pins •  Available in FF or MM Style 	
 <p>3</p> <p>LTWSDB-50P     -SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded • IP 67 •  Available in FF or MM Style •  Available in PCB or Solder Style 			 <p>LTWSDB-15B     SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded • Field Installable • IP 67 •  Available in 09, 15 and 25 Pins •  Available in FF or MM Style •  Available in Solder or Crimp Contacts 	
			 <p>LTWSDB-15B     MMA-SJ7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Field Installable • IP 67 • Solder Contacts 	
	 <p>LTWSDB-50A     M-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded • Molded with Cable • Screw Type • IP 67 •  Available in FF or MM Style 			

Panel (Chassis) Mount		Mating Parts		Accessories
CONNECTOR	P/N	CONNECTOR	P/N	
 <p>1</p> <p>LTWHDB-26P     -Q  8001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • 26 Pins • Push-Pull Type • Shielded • IP 68 •  Available in FF or MM Style •  Available in PCB or Solder Style •  Available in PCB180°, PCB90°, Straight or Right 		 <p>LTWHDB-26B     A-QL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Without SR • Push-Pull Type •  Available in FF or MM Style • Solder Contacts • Field Installable 		
	  <p>2</p> <p>LTWHDB-15P     -S  001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded •  Available in 15, 26, 44 and 62 pins •  Available in FF or MM Style •  Available in PCB or Solder Style •  Available in PCB180°, PCB90°, Straight or Right •  Available in IP67 or IP68 		 <p>LTWHDB-15A     M-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded • Screw Type • Molded with Cable • IP 67 •  Available in 15, 26, 44, and 62 Pins •  Available in FF or MM Style 	<p>• Only for 1</p>
		 <p>3</p> <p>LTWHDB-78P     -SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded • IP 67 •  Available in FF or MM Style •  Available in PCB or Solder Style 		 <p>LTWHDB-78A     SL7001</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Screw Type • Shielded • Field Installable • IP 67 •  Available in 15, 26, and 44 Pins •  Available in FF or MM Style •  Available in Solder or Crimp Contacts
	 <p>LTWHDB-78A     M-SL7AXX</p> <p>FEATURES:</p> <ul style="list-style-type: none"> • Shielded • Molded with Cable • Screw Type • IP 67 •  Available in FF or MM Style 		<p>• Only for 2 and 3</p>	