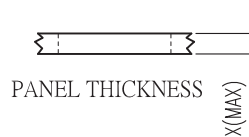


RECOMMENDED PANEL CUT-OUT



Screw L=4.7 For Panel Thickness Under 1.2mm  
 Panel Thickness 1.2~2.0mm  
 Screw L=5.7 For Panel Thickness Between 1.2~2.0mm  
 Panel Thickness 1.2~2.0mm

INSPECTION DIMENSION:(A)-(D)

SPECIFICATIONS

1. D-SUB
- 1.1 Voltage: 250 VAC(RMS) Max.
- 1.2 Current Rating: 5 Ampere per Contact
- 1.3 Contact Resistance: 10 Milliohms Max.
- 1.4 Insulation Resistance: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 1000V AC(RMS)
- 1.6 Total Mating Force: 6.4 Kgf Max.
- 1.7 Total Unmating Force: 1.2 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C
- 1.9 Salt Spray: 48 Hours.
- 1.10 Waterproof Rate: IP 67 Min.

NOTES

1. MATERIAL:  
 Housing:PBT, UL 94V-0, Color:Black.  
 Terminal:Copper Alloy.  
 Shell:SPCC.  
 Rivet:Copper Alloy.  
 Screw:Copper Alloy.  
 Waterproof Ring: Epoxy.  
 Waterproof Glue: Silica Gel.
2. FINISH:  
 Terminal:Full Gold Plated over Nickel Area.  
 Shell:Nickel Plated.  
 Rivet:Nickel Plated.  
 Screw:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

2DS082XXX XXXXXXXXN0

SERIES NO.	N: IT'S COMPLIANT WITH RoHs
NUMBER OF POSITION	INSULATOR MATERIALS 1: PBT
D1: 09-POSITION D2: 15-POSITION D3: 25-POSITION	COLOR STYLE 1: ALL BLACK 2: ALL BLUE 3: ALL GREEN
CONTACT STYLE S: SOCKET P: PLUG	FLANGE MOUNTING OPTION 1: #4-40 THREADED HOLE M: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x9.5) Q: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x10.5) K: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (4.8x9.5 + 4.8x10.5)
CONTACT TERMINATION & MATERIALS H: STRAIGHT PCB & BRASS J: SOLDER CUP & BRASS L: RIGHT ANGLE PCB & BRASS	BOARD MOUNTING OPTION 0: NONE 2: 2-FINGER BOARDLOCK
CONTACT FINISH 5: G/F FULL GOLD 6: 30u" FULL GOLD T: 10u" FULL GOLD	
FRONT SHELL FINISH 2: NICKEL	

				<b>SINGATRON U.S.A.</b>	
A0		An issue.		2010.08.11	
REV.	CONTENTS			DATE	
	Drawn	Shao Jianfeng		<b>Title: 2DS082 SERIES</b> D-SUB WATERPROOF CONNECTORS, SOLDER	
	Designed	He Wei			
	Approval	Lee Jun De			
Scale	1:1	Size	A4	File NO.	C-ED-B-D082-009
SHEET	1	Units	mm	Drawing NO.	2DS082D1SJX20M11N0