

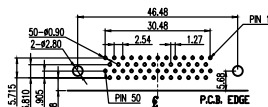
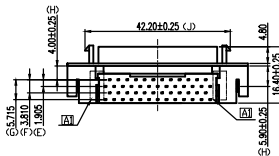
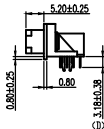
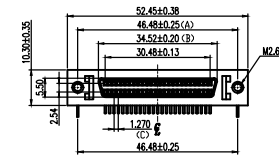
1 2 3 4 5 6 7 8

SPECIFICATIONS

1. SCS1
- 1.1 Current Rating: 1 Ampere per Contact
- 1.2 Contact Resistance: 35 Milliohms Max.
- 1.3 Insulation Resistance: 1000 Megohms Min.
- 1.4 Dielectric Withstanding Voltage: 500V DC(RMS)
- 1.5 Total Mating Force: 17.7 Kgf Max.
- 1.6 Total Unmating Force: 1.6 Kgf Min.
- 1.7 Operating Temperature: -55°C to +85°C

NOTES

1. MATERIAL:
Housing: PBT, UL 94V-0, Color: Black.
Terminal: Copper Alloy.
Shell: Zinc Alloy.
Boardlock: Copper Alloy.
2. FINISH:
Terminal: Gold Plated over Nickel at Contact Area.
Tin Plated over Nickel at Solder Area.
Shell: Nickel Plated.
Boardlock: Tin Plated.
3. This Product is RoHS Compliance Product.



RECOMMENDED P.C.B. LAYOUT
INSPECTION DIMENSION(A)-(J)



SERIES NO.	S100XXX	2XXXXXX1N1	IS IT'S COMPLIANT WITH RoHS
NUMBER OF POSITION	30: 30-POSITION	40: 40-POSITION	50: 50-POSITION
CONTACT STYLE	S: SOCKET	P: PUSH	
CONTACT MATERIALS	1: PHOSPHOR BRONZE		
CONTACT FINISH	1: GUP BRIST TH	2: 10μ GOLD BRIST TH	4: 30μ GOLD BRIST TH
FRONT SHELL STYLE & FINISH	1: DIESEL	2: LIGHT BLACK & NICKEL	3: LATCH BLACKS AND INELS & NICKEL
INSULATOR MATERIALS	1: PBT	2: PPSF	COLOR STYLE
FLANGE MOUNTING OPTION	1: 2#-4# THREADED HOLE	4: 4#-10 THREADED SCHRODLOCK CLINCHED-SOFT INSTALLED (A,B)	5: 4#-10 THREADED SCHRODLOCK CLINCHED-SOFT INSTALLED (A,B)
BOARD MOUNTING OPTION	1: 2#-4# THREADED HOLE	2: 2#-6# THREADED HOLE	4: 4#-10 THREADED HOLE WITH 4#-10mm SCHRODLOCK INSTALLED (A,B)(L)
	5: 4#-10 THREADED HOLE WITH 4#-10mm SCHRODLOCK INSTALLED (A,B)(L)		2: 2-FINER SCHRODLOCK

AD		An Issue: 2009.06.18		FEN YING [®]	
REV		CONTENTS		ENTERPRISES CO.,LTD	
Drawn		Shao Jianfeng		Title: S100 SERIES	
Designed		He Wei		SCS1 PN TYPE RIGHT ANGLE	
Approval		Leo Jim Do		File NO. C-ED-B-S100-034	
Scale 1:1		Size A4		Drawing NO. S100S02XA281N1	
SHEET 1		Units mm			

1 2 3 4 5 6 7 8