

RECOMMENDED P.C.B LAYOUT

INSPECTION DIMENSION:(A)~(M)

SPECIFICATIONS


1. D-SUB
- 1.1 Voltage: 250 VAC(RMS) Max.
- 1.2 Current Rating: 3 Ampere per Contact
- 1.3 Contact Resistance: 25 Milliohms Max.
- 1.4 Insulation Resistance: 5000 Megohms Min.
- 1.5 Dielectric Withstanding Voltage: 1000V AC(RMS)
- 1.6 Total Mating Force: 4.0 Kgf Max.
- 1.7 Total Unmating Force: 1.0 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



NOTES

1. MATERIAL:
Housing:PA9T, UL 94V-0, Color:Black.
Terminal:Copper Alloy.
Shell:SPCC.
Boardlock:Copper Alloy.
Bracket:Zinc Alloy.
2. FINISH:
Terminal:Gold Plated over Nickel at Contact Area.
Tin Plated over Nickel at Solder Ared.
Shell:Tin Plated.
Boardlock:Tin Plated.
Bracket:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

SERIES NO.	D20HXXXXX	1XXXXXXN0
TOP CONNECTOR TYPE	1P: 9-POS. MALE (9P) 1S: 9-POS. FEMALE (9S) 2P: 15-POS. MALE (15P) 2S: 15-POS. FEMALE (15S) 3P: 25-POS. MALE (25P) 3S: 25-POS. FEMALE (25S) 4P: 37-POS. MALE (37P) 4S: 37-POS. FEMALE (37S)	INSULATOR MATERIALS 1: PBT 3: PA9T 4: PA6T
BOTTOM CONNECTOR TYPE	0D: NONE 1P: 9-POS. MALE (9P) 1S: 9-POS. FEMALE (9S) 2P: 15-POS. MALE (15P) 2S: 15-POS. FEMALE (15S) 3P: 25-POS. MALE (25P) 3S: 25-POS. FEMALE (25S) 4P: 37-POS. MALE (37P) 4S: 37-POS. FEMALE (37S)	COLOR STYLE 1: ALL BLACK 3: ALL GREEN G: UPPER-GREEN, LOWER-BLACK
SPACING BETWEEN PORTS TYPE C-C (PROFILE)	A: 15.88 mm(0.625") B: 19.05 mm(0.75") E: 22.86 mm(0.90")	FLANGE MOUNTING OPTION 1: #4-40 THREADED HOLE 2: M3 THREADED HOLE 3: Ø3.05mm CLEAR HOLE 4: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED (4.8) 5: #4-40 THREADED SCREWLOCK CLINCHED-MOUNT INSTALLED (5.8) A: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (4.8x11.8) E: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK INSTALLED (5.8x13.0) F: #4-40 THREADED HOLE WITH #4-40UNC SCREWLOCK BULK-PACKED (5.8x13.0)
CONTACT MATERIALS 1: BRASS		BOARD MOUNTING OPTION 0: NONE A: QUAD ARROWHEAD BOARDLOCK (8.08x8.0) C: QUAD ARROWHEAD BOARDLOCK (9.5x7.0) F: DUAL ARROWHEAD BOARDLOCK (8.08x8.0) H: DUAL ARROWHEAD BOARDLOCK (9.5x7.0)
CONTACT FINISH 1: G/F BRIGHT TIN 3: 15u" GOLD BRIGHT TIN 4: 30u" GOLD BRIGHT TIN 7: G/F MATTE TIN		FRONT SHELL FINISH 1: TIN 2: NICKEL

				F'EN YING®		ENTERPRISES CO.,LTD		
A0		An issue.		2013.02.22				
REV.		CONTENTS		DATE		Title: D20H SERIES		
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm Ang: 0.0 = ±0.25 0.00 = ±0.13 0.0 = ±2°		Drawn		Shao Jianfeng		D-SUB CONNECTOR 9 MALE/9 MALE DUAL PORT		
		Designed		He Wei				
		Approval		Lee Jun De				
		Scale		1:1	Size			A4
		SHEET		1	Units			mm
				File NO.	C-ED-B-D20H-285			
				Drawing NO.	D20H1P1PA1X1A113N0			