



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: 6.0 Kgf Max.
- 1.7 Total Unmating Force: 1.2 Kgf Min.
- 1.8 Operating Temperature: -55°C to +85°C



NOTES

1. MATERIAL:
Housing:PBT, 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 1XXXXXN0
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)
BOTTOM CONNECTOR TYPE	00: 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)
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")
CONTACT MATERIALS	1: BRASS
CONTACT FINISH	1: G/F BRIGHT TIN 3: 15u" GOLD BRIGHT TIN 5: FULL GOLD 7: G/F MATTE TIN
INSULATOR MATERIALS	1: PBT 3: PA6T 4: PA6T
COLOR STYLE	1: ALL BLACK 3: ALL GREEN G: UPPER-GREEN, LOWER-BLACK
FLANGE MOUNTING OPTION	1: #4-40 THREADED HOLE 2: M3 THREADED HOLE 3: #3.05mm 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)
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)
FRONT SHELL FINISH	1: TIN 2: NICKEL

FEN YING®				ENTERPRISES CO.,LTD			
A0	An Issue.		2014.10.07		Title: D20H SERIES		
REV.	CONTENTS		DATE		D-SUB CONNECTOR 15 MALE/15 MALE DUAL PORT		
 UNLESS OTHERWISE SPECIFIED TOLERANCE mm .00 = ±0.25 .000 = ±0.13 Ang 0.0 = ±2°	Drawn	Shao Jianfeng		File NO.	C-ED-B-D20H-436		
	Designed	He Wei		Drawing NO.	D20H2P2PB1X1F11N0		
	Approval	Lee Jun De					
	Scale	1:1	Size	A4			
	SHEET	1	Units	mm			