



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 Area.
 - Shell:Tin Plated.
 - Boardlock:Tin Plated.
 - Bracket:Nickel Plated.
3. This Product is LEAD-FREE & RoHS Compliance Product.

D20HXXXXX 1XXXXXXN0

SERIES NO. _____

N: IT'S COMPLIANT WITH RoHS

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: 6/F BRIGHT TIN
- 3: 15u" GOLD BRIGHT TIN
- 4: 30u" GOLD BRIGHT TIN
- 7: 6/F MATTE TIN

INSULATOR MATERIALS

- 1: PBT
- 3: PAST
- 4: PAST

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: 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)

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.	2013.02.22		Title: D20H SERIES	
REV.	CONTENTS	DATE		D-SUB CONNECTOR 9 MALE/9 MALE DUAL PORT	
 <small>UNLESS OTHERWISE SPECIFIED TOLERANCE mm:</small> .00 = ±0.25 .000 = ±0.13 Ang: 0.0 = ±2°	Drawed	Shao Jianfeng		File NO. C-ED-B-D20H-285	
	Designed	He Wei			
	Approval	Lee Jun De			
Scale	1:1	Size	A4	Drawing NO. D20HIP1PA1X1A113N0	
SHEET	1	Units	mm		