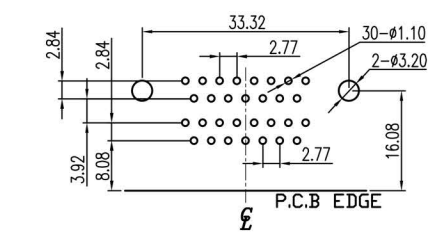
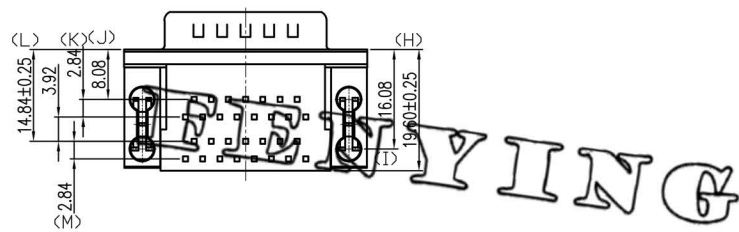


**SPECIFICATIONS**

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



RECOMMENDED P.C.B LAYOUT  
INSPECTION DIMENSION:(A)~(M)

- D20HXXXXX 1XXXXXXN0**
- SERIES NO. \_\_\_\_\_
- 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
  - 5: FULL GOLD
  - 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
- N: IT'S COMPLIANT WITH RoHS

A0	An issue.	2014.10.07
REV.	CONTENTS	DATE
	Drawed	Shao Jianfeng
	Designed	He Wei
	Approval	Lee Jun De
Scale	1:1	Size A4
SHEET	1	Units mm

<b>FEN YING®</b>	
ENTERPRISES CO.,LTD	
Title:	<u>D20H SERIES</u>
D-SUB CONNECTOR 15 MALE/15 MALE DUAL PORT	
File NO.	C-ED-B-D20H-436
Drawing NO.	D20H2P2PB1X1F11N10