



Electrical:  
 Current Rating: 2 Amps  
 Withstanding Voltage: 500V AC/DC  
 Insulation Resistance: 3000M Ohms Min.  
 Operating Temperature: -25° C to +105° C

Material:  
 Housing: High-Temp.  
 Terminal: Phosphor Bronze  
 Plated: Gold flash all over based on the Ni

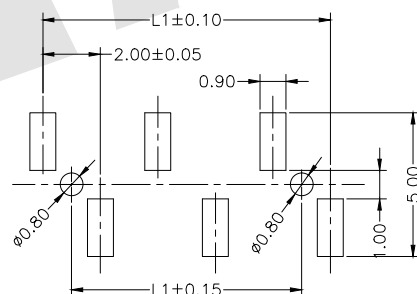
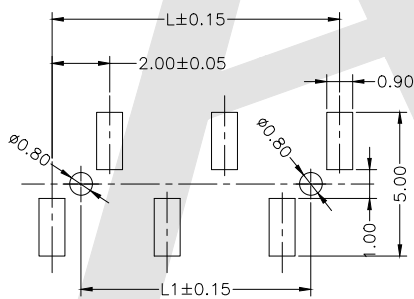
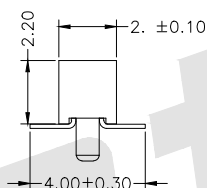
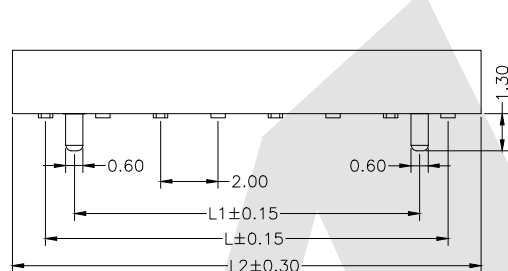
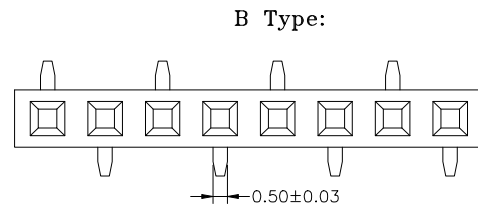
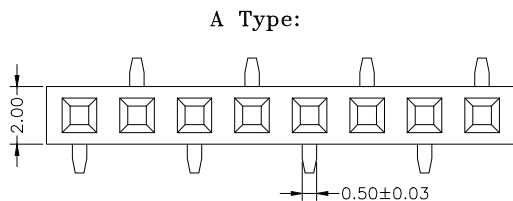
Unspecified Tolerance: ±0.20mm

Ordering Code:

FHDM09 - X - X - S - X - X - X - X  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No:
- ② No. of Contacts  
03 To 40
- ③ Contact Plating:  
G0:Gold flash S0:Selective  
G1:3U" Gold S1:Selective 3u"  
G2:5u" Gold S2:Selective 5u"  
G3:10u" Gold S3:Selective 10u"  
G4:15u" Gold S4:Selective 15u"  
G5:30u" Gold S5:Selective 30u"  
SN: Tin
- ④ Connector Type  
S:Single
- ⑤ Plastic High:  
H:2.2  
Please mark the desired length in the H
- ⑥ Insulator Material  
B:PA6T  
C:LCP  
D:PA46  
E:PA9T
- ⑦ Packing  
A:Tray  
B:Bag  
T:Tube  
U:Tube+CAP  
R:Tape&Reel  
W:Tape&Reel+CAP
- ⑧ PCB Layout Option  
A:Type A  
B:Type B

PIN No.	Dim.(mm)		
	L2	L1	L
1*3	6.20	4.00	2.00
1*4	8.20	6.00	4.00
1*5	10.20	8.00	6.00
1*6	12.20	10.00	8.00
1*7	14.20	12.00	10.00
1*8	16.20	14.00	12.00
1*9	18.20	16.00	14.00
1*10	20.20	18.00	16.00
1*11	22.20	20.00	18.00
1*12	24.20	22.00	20.00
1*13	26.20	24.00	22.00
1*14	28.20	26.00	24.00
1*15	30.20	28.00	26.00
1*16	32.20	30.00	28.00
1*17	34.20	32.00	30.00
1*18	36.20	34.00	32.00
1*19	38.20	36.00	34.00
1*20	40.20	38.00	36.00
1*21	42.20	40.00	38.00
1*22	44.20	42.00	40.00
1*23	46.20	44.00	42.00
1*24	48.20	46.00	44.00
1*25	50.20	48.00	46.00
1*26	52.20	50.00	48.00
1*27	54.20	52.00	50.00
1*28	56.20	54.00	52.00
1*29	58.20	56.00	54.00
1*30	60.20	58.00	56.00
1*31	62.20	60.00	58.00
1*32	64.20	62.00	60.00
1*33	66.20	64.00	62.00
1*34	68.20	66.00	64.00
1*35	70.20	68.00	66.00
1*36	72.20	70.00	68.00
1*37	74.20	72.00	70.00
1*38	76.20	74.00	72.00
1*39	78.20	76.00	74.00
1*40	80.20	78.00	76.00



A Type P.C.B Layout

B Type P.C.B Layout

Unless Otherwise specified tolerance  
 X. ±0.35 X.XX: ±0.20  
 X.X: ±0.25 X.XXX: ±0.15

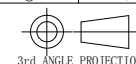
**Antenk**® ANTENK ELECTRONICS CO., LTD  
 Http://www.antenk.com  
 E-mail:sales@antenk.com

SCALE: As Shown UNIT: mm  
 DRAW Wu Feng Rong DATE 26/03/2020  
 CHECK BobYang DATE 26/03/2020

TITLE: 2.00mm Female Header Single  
 Row SMT With Peg Type

DRAWING NO: FHDM09-XXSXXXX

PRODUCT NO: FHDM09-XXSXXXX



REV	DESCRIPTION	DATE