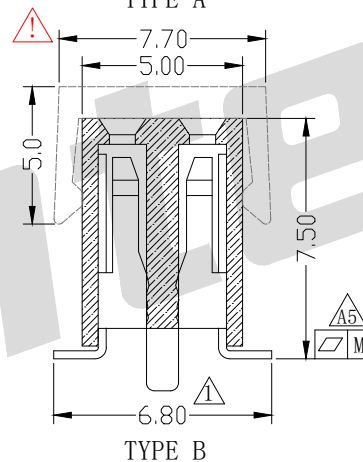
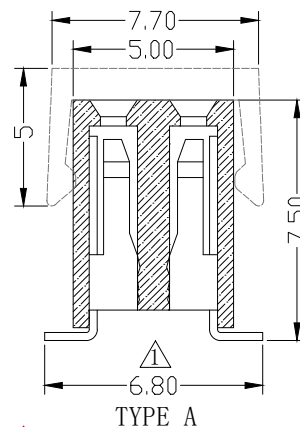
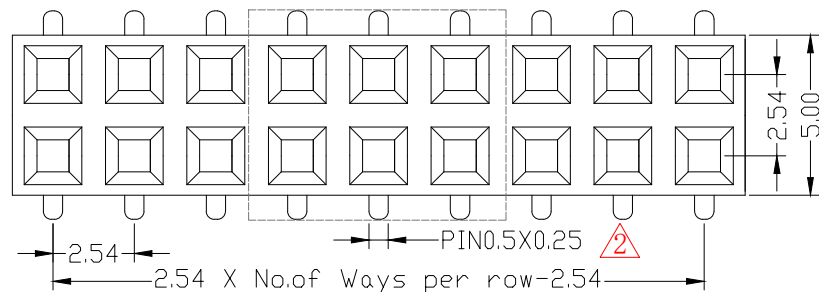


HSF



RoHS



SPECIFICATION

Current Rating:	3.0 Amp
Insulation Resistance:	1000M ohms min
Contact Resistance:	20mΩ max $\Delta 4$
Dielectric Withstanding:	AC500V
Operating Temperature:	-65°C to +125°C
Contact Material:	Brass
Insulator Material:	PA6T, UL 94V-0 Black

Ordering Code:

FHEM12 - $\frac{X}{1}$ - $\frac{X}{2}$ - $\frac{D}{3}$ - $\frac{X}{4}$ - $\frac{X}{5}$ - $\frac{X}{6}$ - $\frac{X}{7}$ - $\frac{X}{8}$

① Series No:

② No. of Contacts
02 To 80③ 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: Tin④ Connector Type
D: Dual⑤ Plastic High:
H: 7.1
Please mark the
desired length in the H

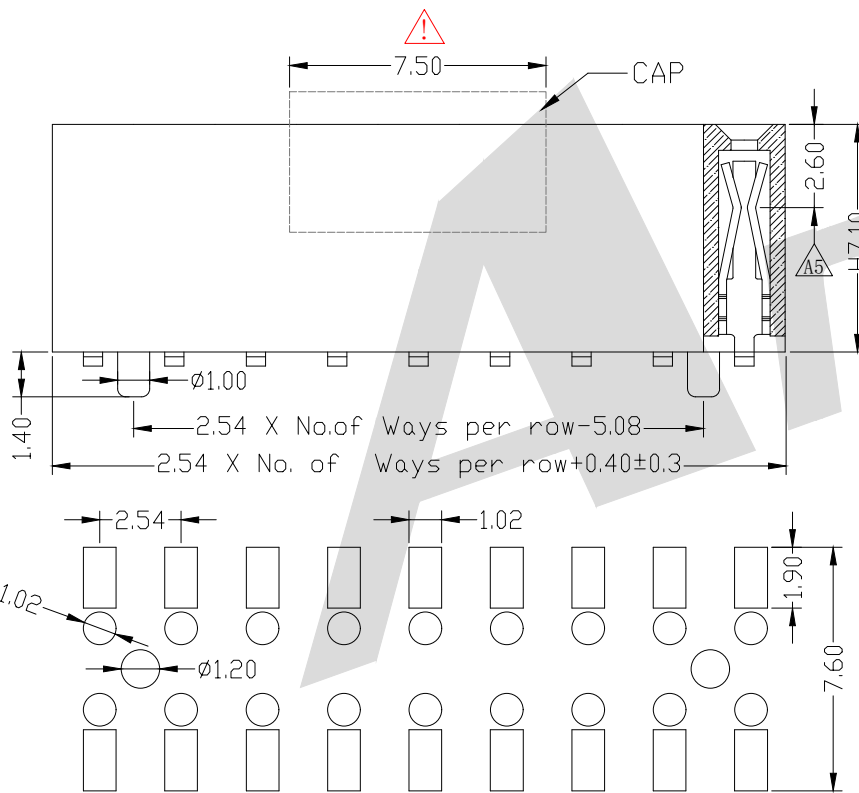
⑥ Insulator Material

A: PBT
B: PA6T
C: LCP
D: PA46
E: PA9T

⑦ Packing

A: Tray
B: Bag
T: Tube
U: Tube+CAP
R: Tape&Reel

⑧ With locating pegs option

A: Type A without pegs
B: Type B with pegs

PCB LAYOUT

Pin (Per Row)	2-15P	16-25P	26-40P
M	0.10	0.15	0.18

Unless Otherwise specified tolerance

X. ± 0.4 X.XX: ± 0.25
X.X: ± 0.35 X.XXX: ± 0.15

SCALE:

As Shown

UNIT:

mm

DRAW

YIN CHAO

DATE

2026/4/3

CHECK

BobYang

DATE

2026/4/3



3rd ANGLE PROJECTION



ANTENK ELECTRONICS CO., LTD

Http://www.antenk.com

E-mail: sales@antenk.com

TITLE:

2.54mm Female Header Dual Row SMT Type H:7.1

DRAWING NO:

FHEM12-42-G0-D-H-B-W-A

PRODUCT NO:

FHEM12-42-G0-D-H-B-W-A

Increase the flatness and Mating dimension

22/01/2026

Update: 20M ohms max -> 20mΩ max

13/07/2024

Change 0.6 to 0.5

21/07/2022

Revise the size of 6.5 to 6.8

02/03/2022

Update Cap Size

08/13/2021

DESCRIPTION

DATE