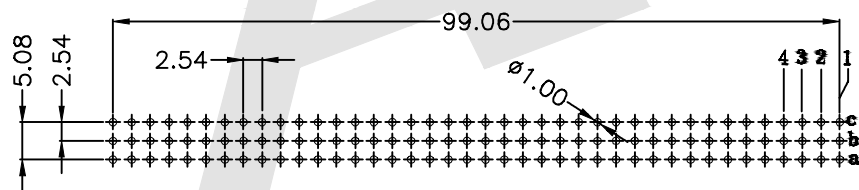
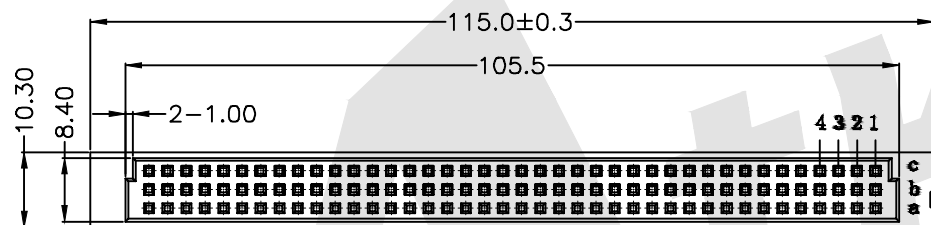
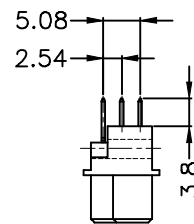
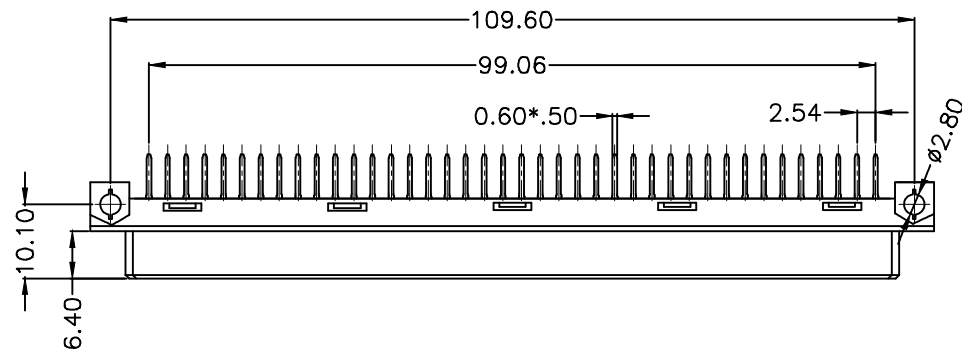


HSF



ROHS



RECOMMENDED PCB LAYOUT
(TOP VIEW TOL. ±0.05)

SPECIFICATIONS:

1. Material And Plating:

1.1 Housing: PBT+5%PC UL94V-0

1.2 Contacts: Phosphor bronze

1.3 Contact Plating:

G=Gold flash plated all over, Ni under plated all over

T= Tin plated all over, Ni under plated all over

S= Gold flash plated on contact area, Tin PLATED ON

SOLDER TAIL, Ni under plated all over

2. Electrical Characteristic:

2.1 Current rating: 2 AMPS

2.2 Contact resistance: 20 mΩ

2.3 Insulation resistance: 1000 MΩ min@500V DC

2.4 Dielectric withstanding voltage: 1000V AC/minute

2.5 Operating temperature: -55° C to +125° C

Ordering Code:

DFS - 120 - A - J - X - 501

① ② ③ ④ ⑤ ⑥

① Series No:

② No. of Contacts
120P

③ Termination
A: Straight tail length
H=3.8mm

④ Rows Loaded With Contacts
J: Row a+b+c

⑤ Contact Plating

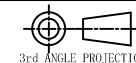
- G0: Gold flash
- S0: Gold flash/Ni
- G1: 3u" Gold
- S1: 3u" Gold/Ni
- G2: 5u" Gold
- S2: 5u" Gold/Ni
- G3: 10u" Gold
- S3: 10u" Gold/Ni
- G4: 15u" Gold
- S4: 15u" Gold/Ni
- G5: 30u" Gold
- S5: 30u" Gold/Ni
- SN: Tin

⑥ Series number
501

Code	Number Of Contact	Contact Arrangement	Rows With Contacts	Pitch
J	120		a	2.54

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

SCALE:	UNIT:
As Shown	mm
DRAW ZLA	DATE 24/04/2022
CHECK BobYang	DATE 24/04/2022



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Http://www.atkconn.com

TITLE: DIN41612 Vertical Female Type R
Connectors 120 Positions

DRAWING NO: DFS-120-AJX-501

PRODUCT NO: DFS-120-AJX-501

REV	DESCRIPTION	DATE