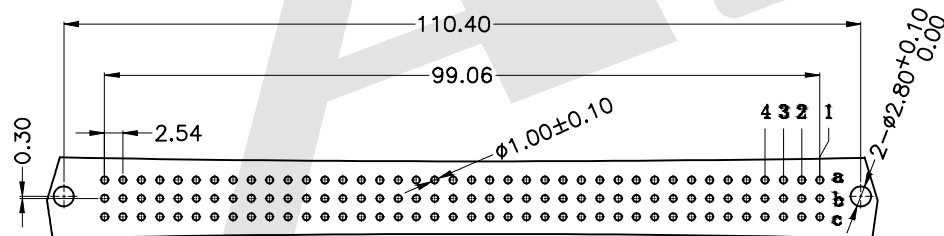
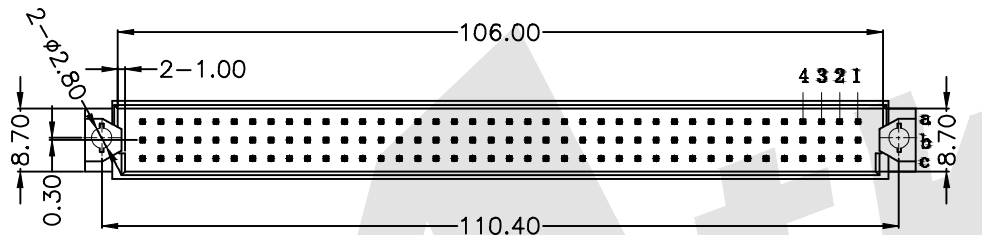
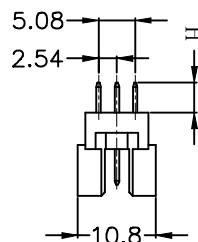
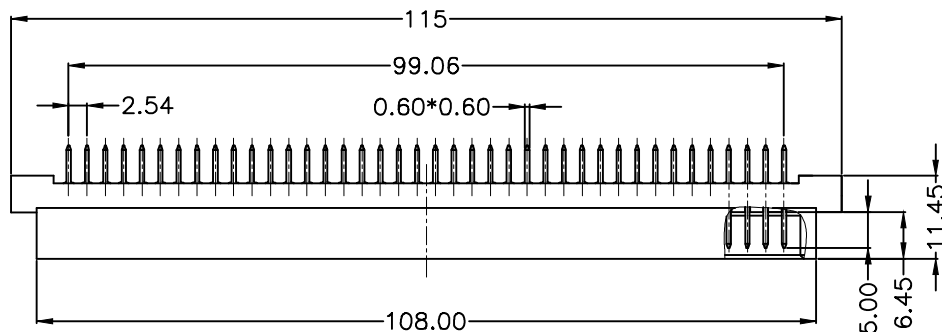


HSF



ROHS



RECOMMENDED PCB LAYOUT
(TOP VIEW TOL. ±0.05)

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

SPECIFICATIONS:

1. Material And Plating:

1.1 Housing:PBT+30%G.F UL94V-0

1.2 Contacts:Brass

1.3 Contact Plating:

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

T=Tin platd 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 mohmsMΩ min@500V DC

2.4 Dielectric withstanding voltage:1000V AC/minute

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

Ordering Code:

DMS - 120 - X - J - X - 503
① ② ③ ④ ⑤ ⑥

① Series No:

② No. of Contacts
120P

③ Termination

A: Straight tail length H=2.8mm

C: Straight tail length H=3.5mm

E: Straight tail length H=4.2mm

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
503

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

SCALE: As Shown UNIT: mm
DRAW ZLA DATE 25/04/2022
CHECK BobYang DATE 25/04/2022



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Http://www.atkconn.com

TITLE: DIN41612 Vertical Plug Type R
Connectors 120 Positions

DRAWING NO: DMS-120-XJX-503

PRODUCT NO: DMS-120-XJX-503

REV	DESCRIPTION	DATE