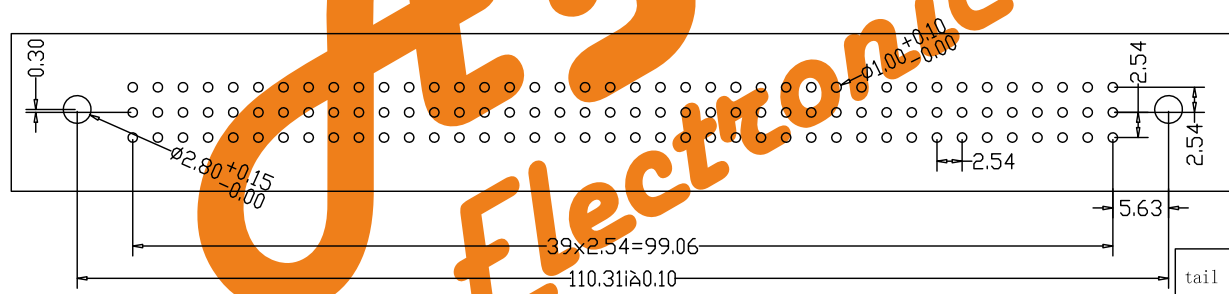
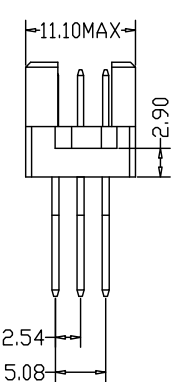
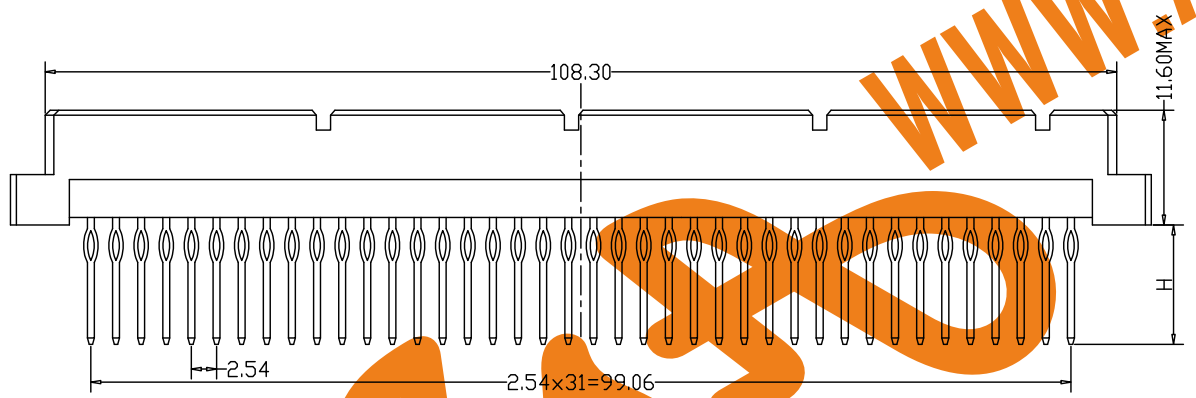
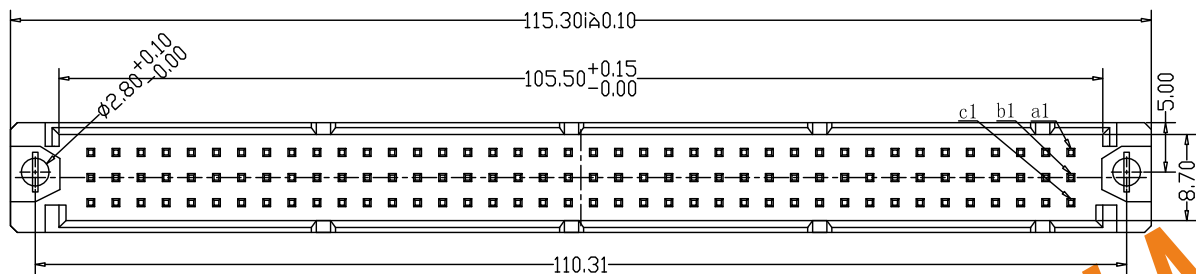


# DIN 41612 Vertical Plug Extended Type R press-Fit Connectors 120 Positions

**ROHS COMPLIANT**

## SPECIFICATION

Current Rating:	2.0Amp
Insulation Resistance:	10000MΩ min.at DC 100V
Contact Resistance:	20MΩ max
Withstand Voltage:	AC 1000V For 1 Minute
Operating Temperature:	-55° C to +105° C
Contact Material:	Brass
Contact Plating:	Au or Sn Over Ni
Insulator Material:	PBT+30%GF UL 94V-0
Insertion Force:	120 pin max.118N
Withdrawal Force:	0.15N min.per individual contact



Recommended P.C.B.Layout

## Ordering Code:

DMS - XX - X - X - X -310  
 ① ② ③ ④ ⑤

- ① Series No:
- ② No. of Contacts  
120P 80P 60p 40p
- ③ Termination  
I: Straight press-fit tail length H=5.0mm  
M: Straight press-fit tail length H=13.0mm  
N: Straight press-fit tail length H=17.0mm
- ④ Rows Loaded With Contacts  
A: Row a C: Row a+b  
D: Row a+c F: Row a+b+c  
DI: Row a+c(2, 4, 6...) F1: Row a+b+c(2, 4, 6...)
- 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

Unless Otherwise specified tolerance

X±0.35  
 X.X±0.25  
 X.XX±0.20  
 X.XXX±0.15

tail length	thickness * width
H=5.0mm	
H=13.0mm	0.6*0.6
H=17.0mm	0.6*0.6

SCALE: As Shown

UNIT: mm



AsA Electronic Co.

Tel : (+98) 21 66 73 56 82 Mob : (+98) 912 03 161 02

DRAWN: jnufon  
 CHECKED: Yan

TITLE: Vertical Plug Extended Type R press-Fit Connectors 120 Positions

REV	DESCRIPTION	DATE	APPROVED	DRAWING NO: DMS-XX-XXX-310
	Add option of plating	10/8/1		PRODUCT NO: DMS-XX-XXX-310