

# DIN 41612 Vertical Plug Type R Compliant press-Fit Connectors 96 Positions

**ROHS COMPLIANT**

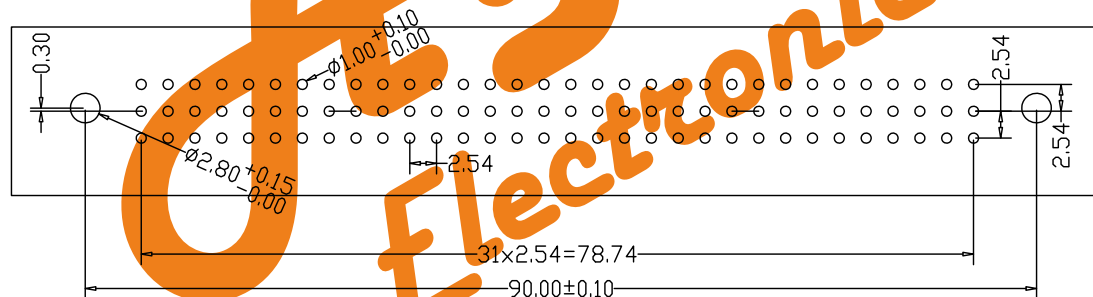
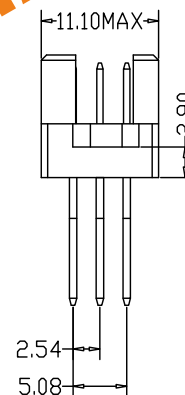
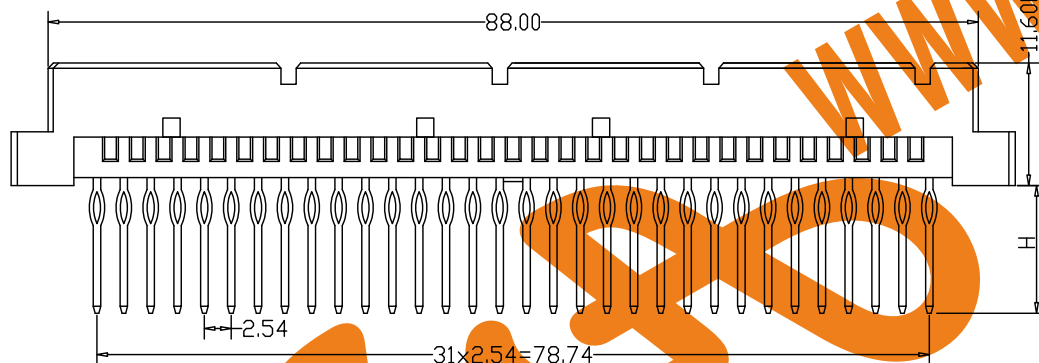
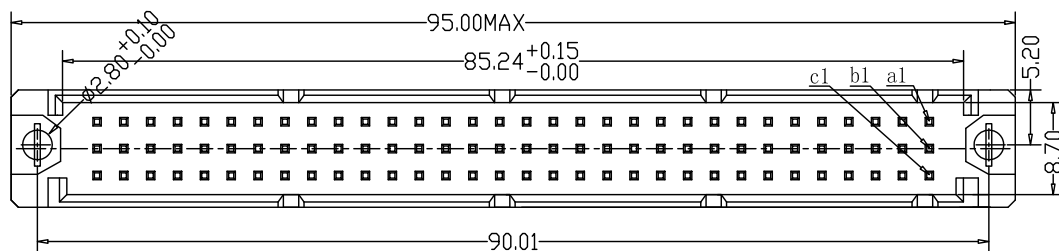
## SPECIFICATION

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: 96 pin max.90N  
 Withdrawal Force: 0.15N min.per individual contact

## Ordering Code:

DMS - XX - X - X - X -323  
 ① ② ③ ④ ⑤

- ① Series No:
- ② No. of Contacts  
96P 64P 48P 32P
- 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  
D: Row a+c  
F: Row a+b+c  
DI: Row a+c(2, 4, 6...)  
FI: 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



**Recommended P.C.B. Layout**

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

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

SCALE: As Shown  
 UNIT: mm



**AsA Electronic Co.**

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DRAWN: jnufon  
 CHECKED: Yan

TITLE: Vertical Plug Type R Compliant Press-Fit Connectors 96 Positions

APPROVED

DRAWING NO: DMS-XX-XXX-323

Add option of plating

10/8/1  
 DATE

PRODUCT NO: DMS-XX-XXX-323

DESCRIPTION

REV