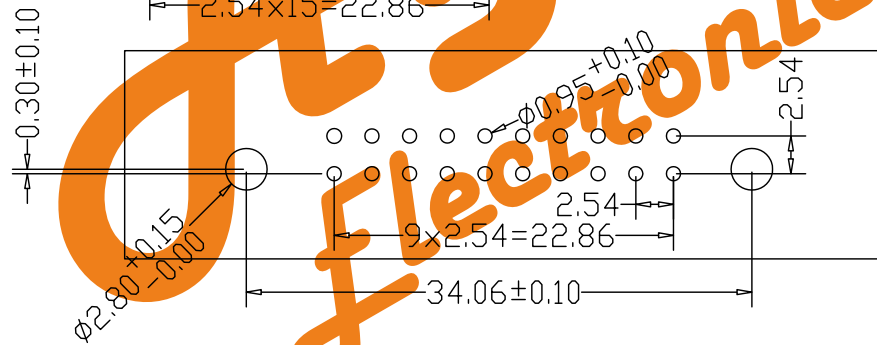
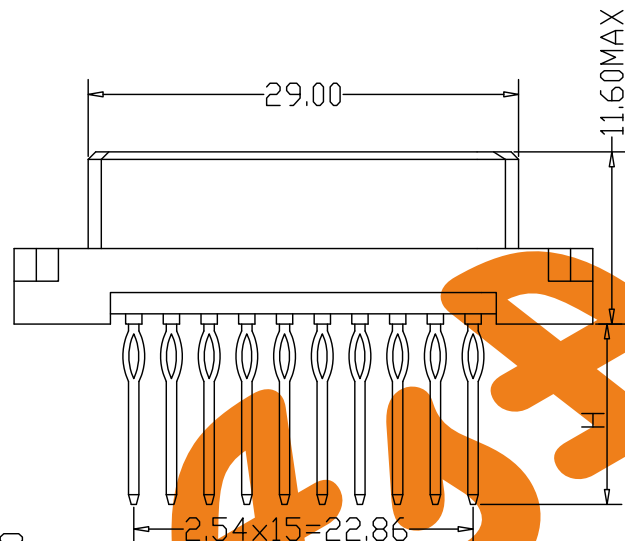
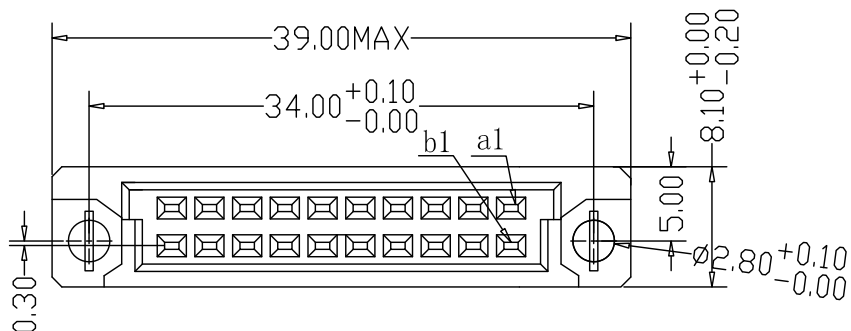


# DIN 41612 Vertical Female Type 1/3B Compliant Press-Fit Connectors 20 Positions

ROHS COMPLIANT



Recommended P. C. B. Layout

## SPECIFICATION

|                        |                                  |
|------------------------|----------------------------------|
| Current Rating:        | 2.0Amp                           |
| Insulation Resistance: | 100000MΩ 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:       | 20 pin max.18N                   |
| Withdrawal Force:      | 0.15N min.per individual contact |

## Ordering Code:

DFS - XX - X - X - X -215  
 ① ② ③ ④ ⑤

① Series No:

② No. of Contacts  
20p 10p

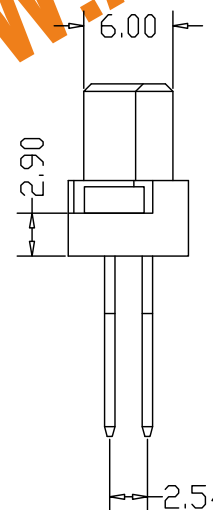
③ Termination

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  
 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

DRAWN: jnufon

CHECKED: Yan

APPROVED

10/8/1  
DATE



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TITLE:

Vertical Female Type 1/3B Compliant Press-Fit Connectors 20 Positions

DRAWING NO: DFS-XX-XXX-215

PRODUCT NO: DFS-XX-XXX-215

Add option of plating

DESCRIPTION

REV