

DIN 41612 Vertical Plug Type 1/3R Connectors-Inversed 30 Positions

ROHS COMPLIANT

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: 30 pin max. 28N
 Withdrawal Force: 0.15N min.per individual contact

Ordering Code:

DMS - XX - X - X - X -321

① ② ③ ④ ⑤

① Series No:

② No. of Contacts

30P 20P 10p 15p

③ Termination

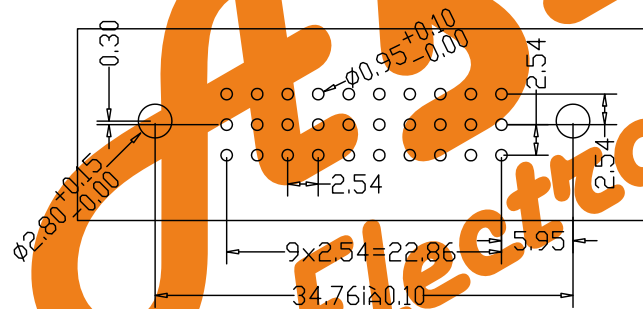
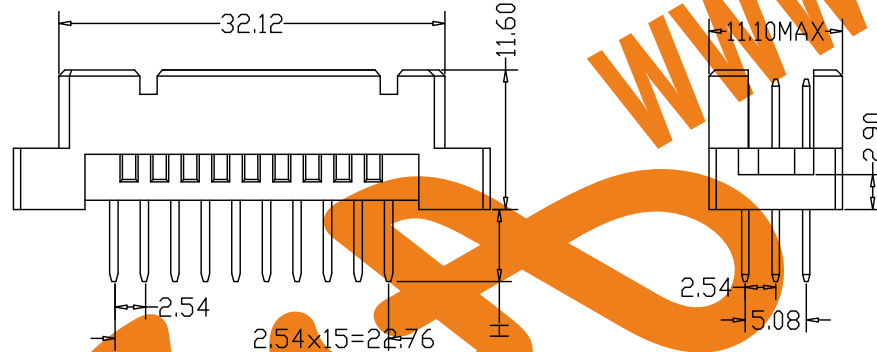
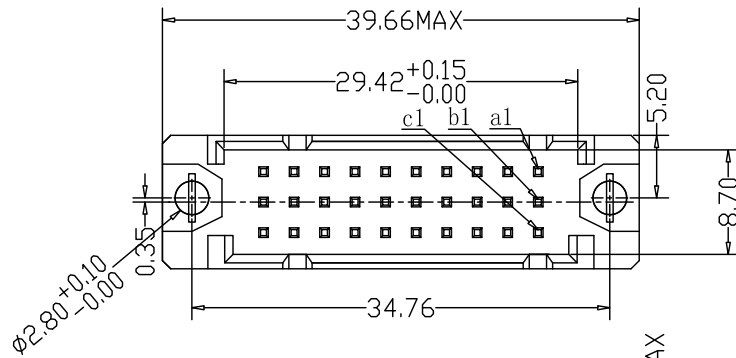
A: Straight solder tail length H=2.5mm
 E: Straight solder tail length H=4.0mm
 I: Straight tail length H=5.0mm
 K: Straight tail length H=7.4mm
 M: Wrap post tail length H=13.0mm
 N: Wrap post tail length H=17.0mm

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



Recommended P.C.B. Layout

tail length	thickness * width
H=2.5mm	0.6*0.6
H=4.0mm	0.6*0.6
H=5.0mm	0.6*0.6
H=7.40mm	0.6*0.6
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

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DRAWN: jnufon

CHECKED: Yan

APPROVED

TITLE: Vertical Plug Type 1/3R Connectors-Inversed 30 Positions

DRAWING NO: DMS-XX-XXX-321

PRODUCT NO: DMS-XX-XXX-321

Add option of plating

10/8/1

DESCRIPTION

DATE

REV