

DIN 41612 Vertical Female Type Half B Connectors 32 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:	32 pin max.30N
Withdrawal Force:	0.15N min.per individual contact

Ordering Code:

DFS - XX - X - X - X -208
 ① ② ③ ④ ⑤

① Series No:

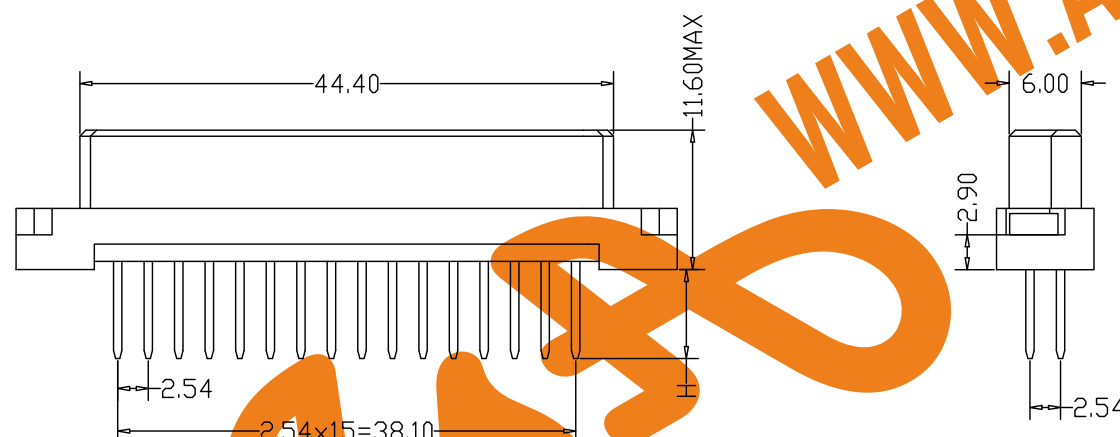
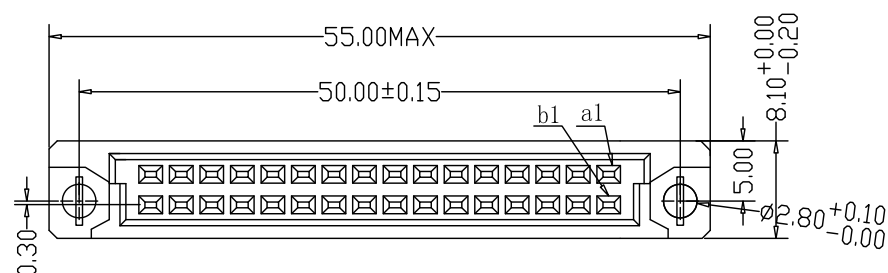
② No. of Contacts
32p 16p

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=3.0mm
 N: Wrap post tail length H=17.0mm

④ Rows Loaded With Contacts
 A: Row a C: Row a+b
 C1: Row a+b (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	0.3±0.38
H=4.0mm	0.3±0.38
H=5.0mm	0.6±0.6
H=7.4mm	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	
XX±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 Female Type Half B Connectors 32 Positions

DRAWING NO: DFS-XX-XXX-208

PRODUCT NO: DFS-XX-XXX-208

Add option of plating

DESCRIPTION

10/8/1

DATE

REV