

DIN 41612 Vertical Female Type C Connectors 96 Positions

ROHS COMPLIANT

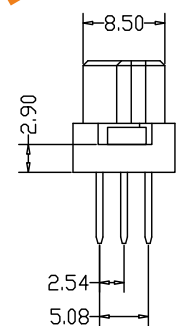
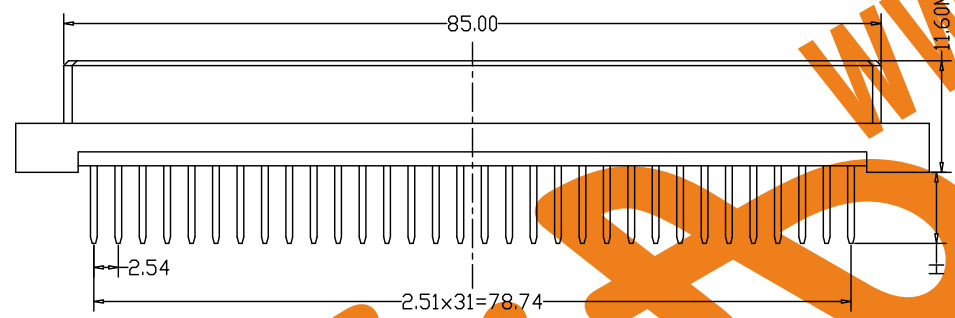
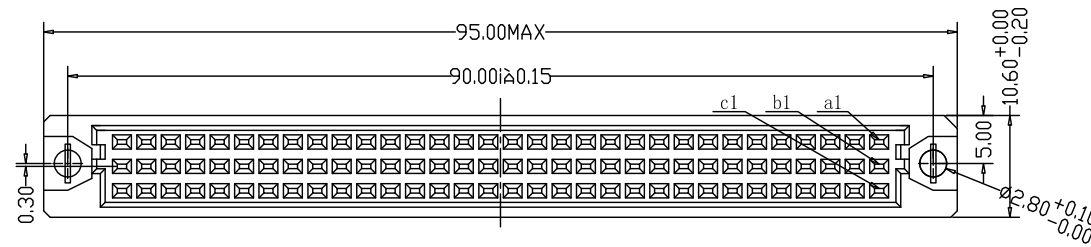
SPECIFICATION

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

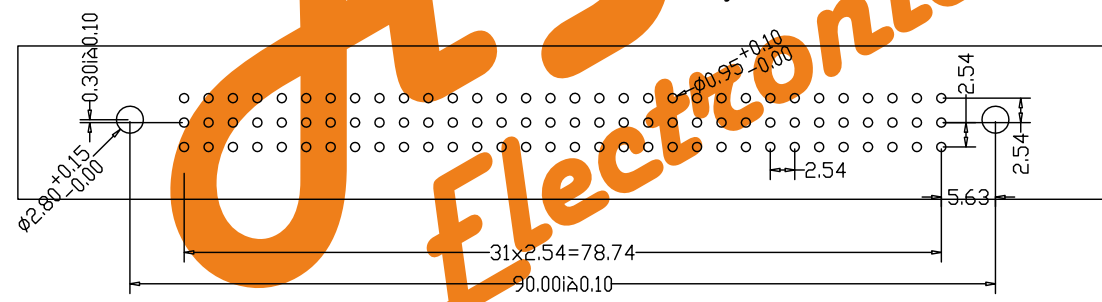
Ordering Code:

DFS - XX - X - X - X -302
 ① ② ③ ④ ⑤

- ① Series No:
- ② No. of Contacts
96P 64P 32p 48p
- 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
D1: 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	0.3*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	
X.X:±0.25	
X.XX:±0.20	
X.XXX:±0.15	
SCALE: As Shown	UNIT: mm

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						DRAWN: jnufon	TITLE: Vertical Female Type C Connectors 96 Positions		
						CHECKED: Yan	DRAWING NO: DFS-XX-XXX-302		
		Add option of plating		10/8/1		APPROVED	PRODUCT NO: DFS-XX-XXX-302		
REV		DESCRIPTION		DATE					