



SPECIFICATION

Current Rating: 2.0Amp
 Insulation Resistance: 1000MΩ min.at DC 100V
 Contact Resistance: 20mΩ max
 Withstand Voltage: AC 1000V For 1 Minute
 Operating Temperature: -55° C to +105 ° C
 Contact Material: Phosphor Bronze
 Contact Plating: Au or Sn Over Ni
 Insulator Material: PBT+30%GF UL 94V-0
 Insertion Force: 160 pin max.150N
 Withdrawal Force: 0.15N min.per individual contact

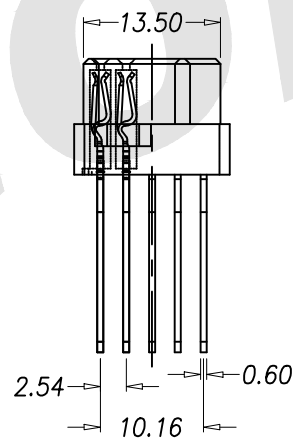
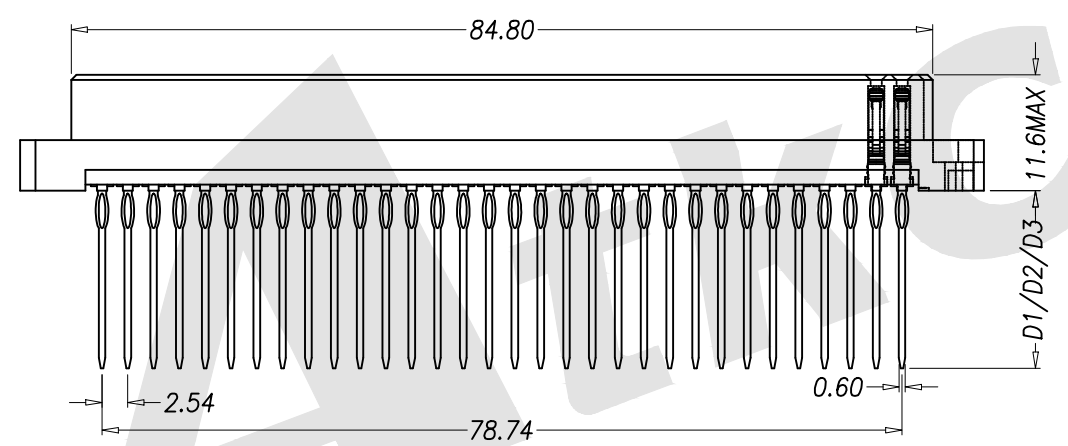
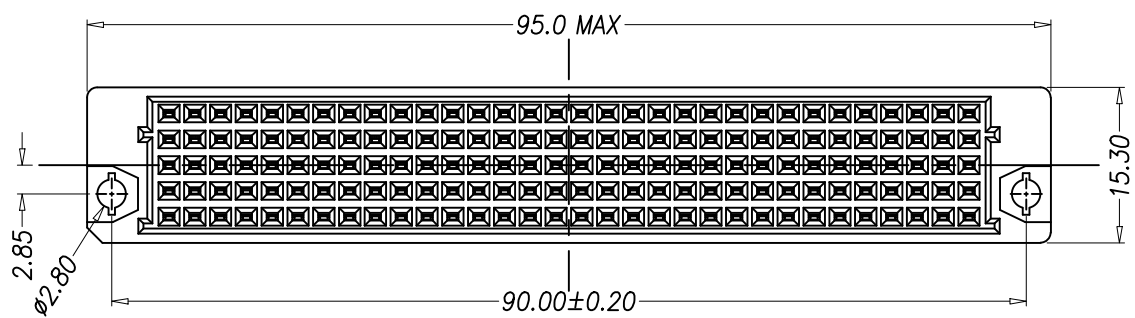
Ordering Code:

DFS - XX - X - X - X - 503

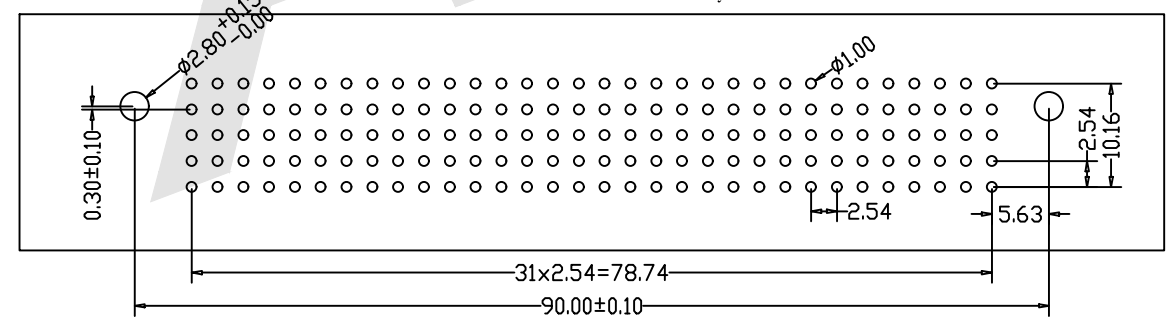
① ② ③ ④ ⑤ ⑥

- ① Series No:DFS
- ② No. of Contacts
160P
- 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+b+c+d+e
- 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

⑥ Series number
503



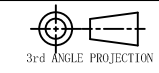
Recommended P. C. B. Layout



Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
A	160		a b c d e	2.54

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

SCALE: As Shown UNIT: mm
 DRAW ZLA DATE 24/04/2022
 CHECK BobYang DATE 24/04/2022



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TITLE: DIN41612 Vertical press fit type E female 160P

DRAWING NO: DFS-XX-XXXX-503
 PRODUCT NO: DFS-XX-XXXX-503

REV	DESCRIPTION	DATE
1		
2		
3		
4		
5		