

HSF

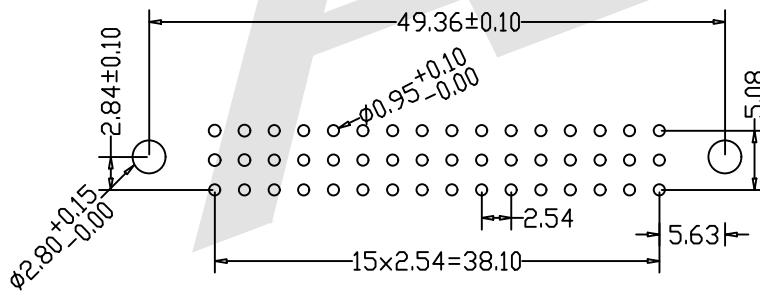
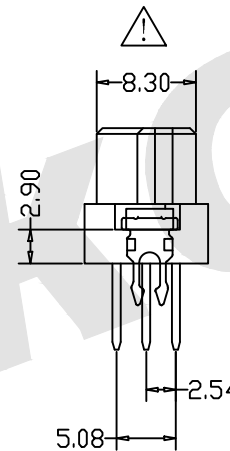
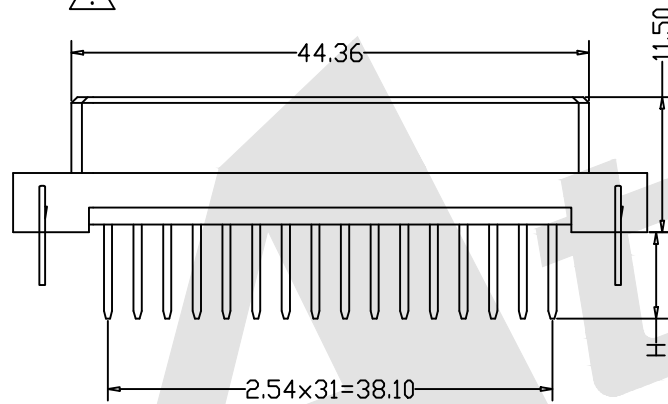
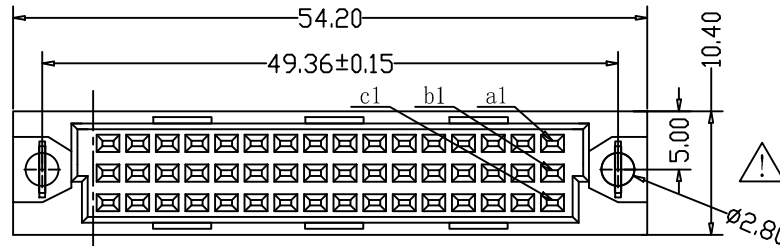


ROHS

Code	Number Of Contacts	Contact Arrangement	Rows With Contacts	Pitch
A	16		a	2.54
D1	16		a c	5.08
F1	24		a b c	2.54
C	32		a b	
D			a c	
F			a b c	

SPECIFICATION

Current Rating: 2.0Amp
 Insulation Resistance: 1000MΩ min.at DC 500V
 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: 48 pin max. 45N
 Withdrawal Force: 0.15N min.per individual contact



Recommended P. C. B. Layout

Ordering Code:

DFS - XX - X - X - X - 312 - F
 ① ② ③ ④ ⑤ ⑥ ⑦

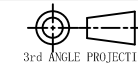
- ① Series No:
- ② No. of Contacts
16P 24P 32p 48p
- ③ Termination
A: Straight solder tail length H=2.5mm
E: Straight solder tail length H=4.0mm
I: Straight tail length H=5.0mm
K: Straight tail length H=7.4mm
M: Wrap post tail length H=13.0mm
N: Wrap post tail length H=17.0mm
O: Wrap post tail length H=19.4mm
- ④ Rows Loaded With Contacts
A: Row a D1: Row a+c (2, 4, 6...)
F1: Row a+b+c (2, 4, 6...)
C: Row a+b
D: Row a+c
F: Row a+b+c
- 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
312
- ⑦ F: With Fork
None: Without Fork

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

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

TITLE: DIN41612 Vertical Female Type Half C
 Connectors 48 Positions W/O Fork



DRAWING NO: DFS-XX-XXX-312-F

PRODUCT NO: DFS-XX-XXX-312-F

REV	DESCRIPTION	DATE