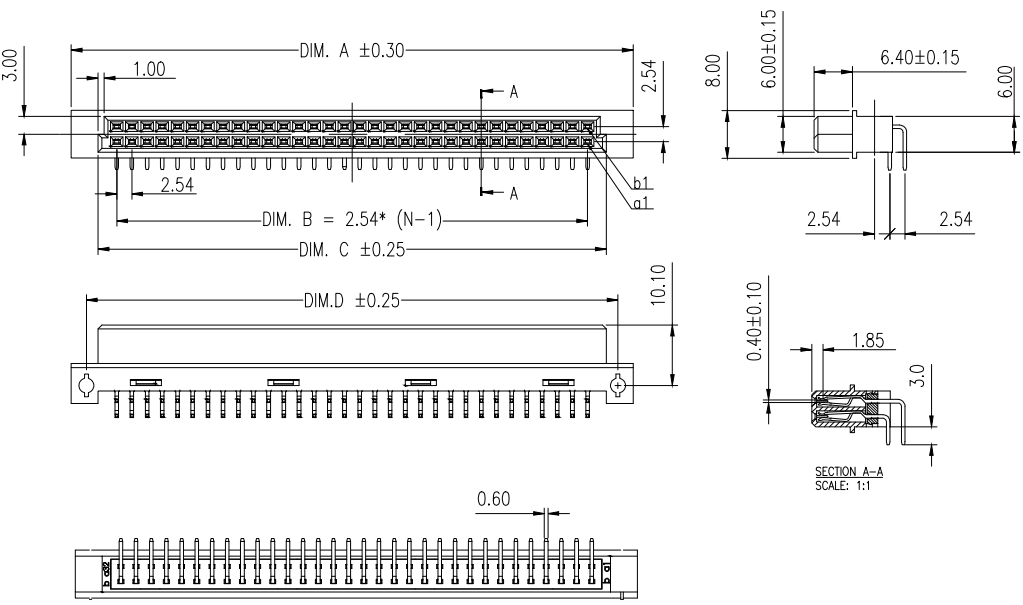


A



**Technical specifications:**

**Materials:**

- 1. Insulator: Glass-Filled PBT, Color: Grey, UL 94V-0
- 2. Contact: Copper Alloy

**Contact plating according DIN41612 performance classes:**

Performance class I (-1)	500 mating cycles min. 30u" AU plating on mating area, Gold Flash on non-mating area, 50u" Nickel underplating 100u" Sn plating on solder area over 50u" Nickel
Performance class II (-2)	250 mating cycles min. 15u" AU plating on mating area, Gold Flash on non-mating area, 50u" Nickel underplating 100u" Sn plating on solder area over 50u" Nickel
Performance class III (blank)	50 mating cycles min. Gold flash on mating side over 50u" Nickel 100u" Sn plating on solder area over 50u" Nickel

**Other specifications:**

- Contact resistance: 20mOhm max.
- Insulation resistance: 10<sup>12</sup>Ohm min.
- Current rating: 2A
- Operating temperature: -40°C to 105°C
- Operating voltage: 125VAC
- Test voltage: 1000VAC
- Packaging: Tray

B

C

D

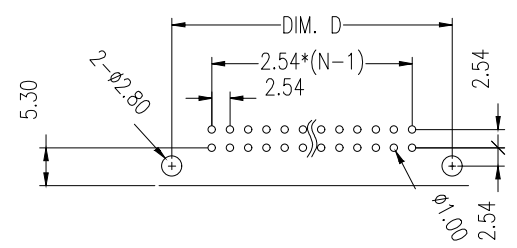
A

B

C

D

Recommended P.C.B Layout(Top Side)  
(PCB BOARD TOLERANCE±0.05)



ROWS	DIM.A	DIM.B	DIM.C	DIM.D
2	94.00	78.74	85.00	88.90
2	54.00	38.10	44.40	48.26

DIN41612 STYLE Q FEMALE INVERSIVE RIGHT-ANGLE									
ORDERING CODE					CONTACT DETAILS				
Style	M=Male F=Female	No of	Rows loaded	Pin type	Plating Class	Pin length in mm	Cross section	Pin load	Pin type/direction
A	Q	F	xx	xx	x	-	x		
Options (if another contact loading option is needed, please contact your sales office)									
A	Q	F	64	ab	R	-	1	R: 3.00 (±0.25)	0.60x0.60(±0.03)
			32	a			2		ab: 2x32 a: 1x32
							blank		

E

F

E

F

G

H

**RoHS compliant**  
Unit: mm



Scale	Free
TOLERANCE	
X.	±X
X.X	±0.40
X.XX	±0.25
X.XXX	±0.15
DIM	TOL
Angle	±3°

Id.	Modification	Date	Name
②	Add UL E-file No.	17.05.2021	Daniel
①	Change to new plant	17.08.2020	Winnie
①	Drawn	24.06.2013	Winnie

Date: 24.06.2013  
Name: Winnie  
Date: 17.05.2021  
Name: Daniel

Description: DIN 41612 Type Q / Female / R/A	
ASSMANN WSW-No. <b>A-QFxxxxxx-x</b>	
Drawing-No. <b>ASS 5795 CO</b>	rev02
Customer-No.	SHEET 1 / 1