

Technical specifications:

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

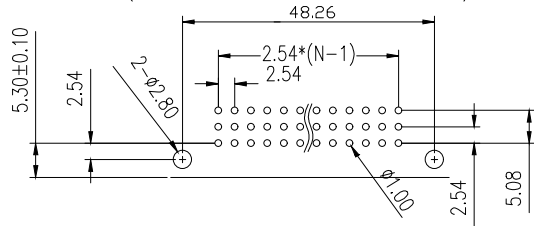
Contact plating according DIN41612 performance classes:

- 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: 10¹²Ohm min.
 Current rating: 2A
 Operating temperature: -40°C to 105°C
 Operating voltage: 125VAC
 Test voltage: 1000VAC
 Packaging: Tray

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



DIN41612 STYLE R FEMALE INVERSIVE RIGHT-ANGLE									
ORDERING CODE							CONTACT DETAILS		
Style	M=Male F=Female	No of pins	Rows loaded	Pin type	Plating Class	Pin length in mm	Cross section	Pin load	Pin type/direction
A - HR	F	xx	xx	x	- x				
Options (if another contact loading option is needed, please contact your sales office)									
A - HR	F	48	ab	R	- 1	3.00 (±0.25)	0.60x0.60(±0.03)	3x16	THT right-angle
		32	a+c		2			2x16	
		16	a		blank			1x16	
		16	b					1x16	

G	RoHS compliant Unit: mm File No.: E198287	Scale	Free				Date	Name	Description: DIN 41612	
		TOLERANCE					Drawn	24.05.2013	Winnie	Type Half R / Female / R/A
H		X.	±X				Approved	17.05.2021	Daniel	ASSMANN WSW-No.
		X.X	±0.40							A-HRFxxxxx-x
		X.XX	±0.25	③	Add UL E-file No.	17.05.2021	Daniel			
		X.XXX	±0.15	②	Change to new plant	17.08.2020	Winnie			
		DIM	TOL	①	Update drawing frame	15.10.2018	Xavier			Drawing-No. ASS 0338 CO
	Angle	±3°	Id.	Modification	Date	Name	Customer-No.		SHEET 1 / 1	