

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series	1B
Termination type	Female print PCB
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1B.302.CLAD42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight	14.15 g

Performance

Configuration	1B.302/EXG : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4.5 Amps

Specifications

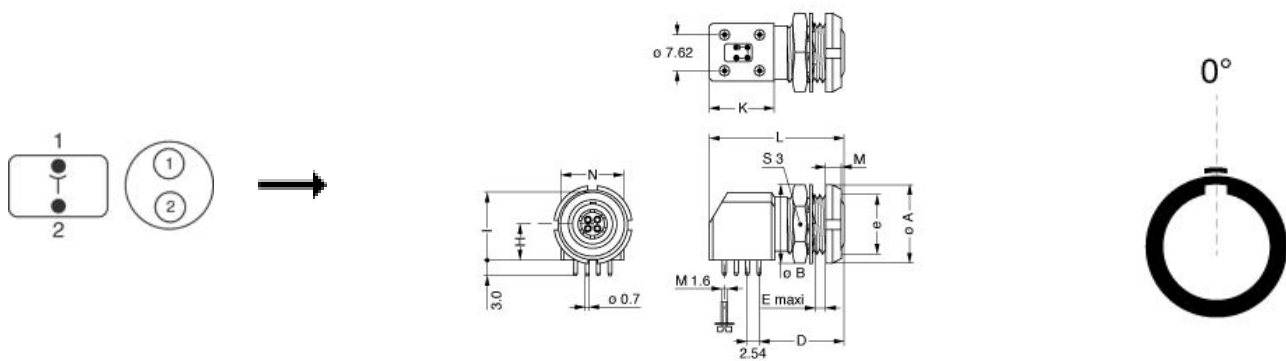
Contact Type: Print (straight)
Contact Dia.: 1.3 mm (0.051in)
R (max): 3.6 mOhm
Test voltage contact-contact : 1.7 kV rms
Test voltage contact-body shell : 1.45 kV rms

Others

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Endurance (Shell): 5000
 Temp (min / max): -55°C / +250°C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

	A	B	D	E	H	I	K	L	M	N	S3	e
mm.	14	15	16.6	7.5	7.5	14	13.3	27	3.5	12.6	13	M11x0.5
in.	0,55	0,59	0,65	0,30	0,30	0,55	0,52	1,06	0,14	0,50	0,51	

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Tools

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