

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series	0B
Termination type	Male solder
IP rating	50
AWG wire size	36.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGJ.0B.312.CLLD52

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (back panel mounting)
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	4.73 g

Performance

Configuration	0B.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	1.7 Amps

Specifications

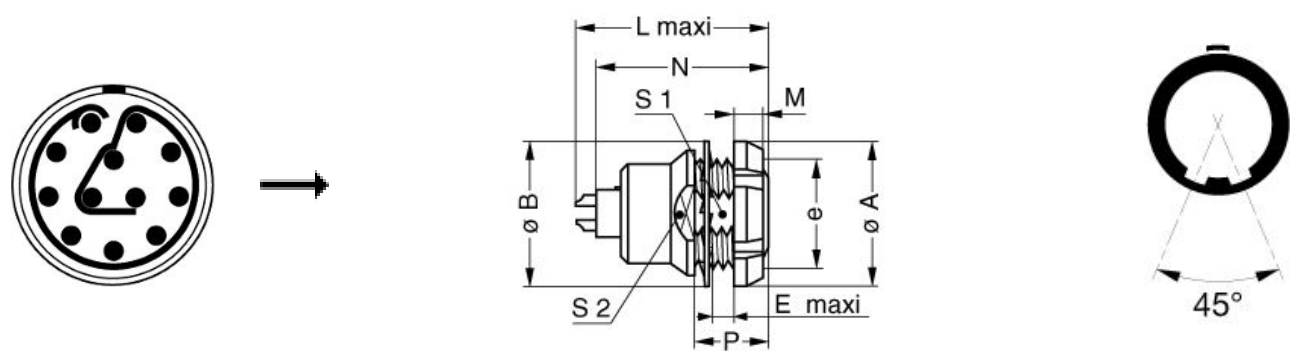
Contact Type: Solder
Contact Dia.: 0.35 mm (0.01in)
Bucket Dia.: 0.4 mm (0.016in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.05 mm² (AWG 30)
R (max): 8.7 mOhm
Vtest (contact-shell): 1000 V (AC), 1400 (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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Others

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: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	N	P	S1	S2	e
mm.	12	12.5	2.4	20.7	2.5	19.1	6.3	8.2	9	M9x0.6
in.	0,47	0,49	0,09	0,81	0,10	0,75	0,25	0,32	0,35	

RECOMMENDED BY LEMO

Tools

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