

SUMMARY

Wires

Low voltage	3
Coax	1



Image is for illustrative purpose only

Series	1B
Termination type	Female solder mixed / multi
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1B.803.CLAD722

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female 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	11.24 g

Performance

Configuration	1B.803 : 1 Coax (50 Ohm), 3 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Solder) Type F
Test voltage (kV rms):	0.75
Test voltage (kV dc):	1.05
Cable type:	RG 178 B/U, RG 196 A/U

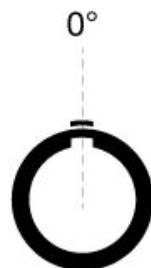
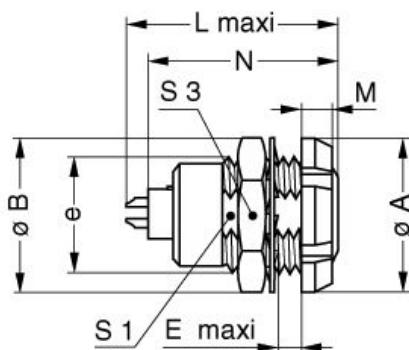
Others

Endurance (Shell): 5000

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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	S1	S3	e
mm.	16	15.8	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0,63	0,62	0,24	0,91	0,14	0,83	0,41	0,55	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.161.PA](#)

Coax Tool: [DCC.91.019.1LA](#)

Die Tool: [DPE.99.025.45K](#)

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