

SUMMARY



Image is for illustrative purpose only

Wires

Low	3
High	0
Coax	1
Triax	0
Quad	0
Fiber	0
Fluidic	0

Download

[Request a quote](#)

[Catalog](#)

Series	1B
Termination type	Female solder mixed / multi
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	FGG.1B.803.CLAD722

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EH*: Fixed receptacle, nut fixing and protruding shell
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	
Weight	12.57 g

Performance

Configuration	1B.803 : 1 Coax (50 Ohm), 3 Low V.
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
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

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	14	16	4.0	21.7	12	21.1	10.5	14	M12x1.0
in.	0,55	0,63	0,16	0,85	0,47	0,83	0,41	0,55	

RECOMMENDED BY LEMO

Tools

Extractor: -
Coax Tool: DCC.91.019.1LA

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cables