

FLM.1S.302.CLAD52

SUMMARY

Wires

 Low
 2

 High
 0

 Coax
 0

 Triax
 0

 Quad
 0

 Fiber
 0

 Fluidic
 0

Series 1S

Termination type Male solder

IP rating 50

Cable Ø 0.00 - 0.00 mm

Matching parts

Status active

Alternative part



Image is for illustrative purpose only

Download

Request a quote

Catalog

TECHNICAL DETAILS

Mechanics

Shell Style/Model FLM*: Elbow (90°) plug with cable collet

Keying

Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Cable Fixing D52: 0 - 0 mm

Variant

Weight 21.64 g

Performance

Configuration 1S.302: 2 Low Voltage

Insulator L: PEEK (UL 94 / V-0/3.2, depends on material thickness)

Rated Current 15 Amps

Specifications

Contact Type: Solder Max. Matings: 5000

Contact Dia.: 1.3 mm (0.051in)

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.

Bucket Dia.: 1 mm (0.039in)

Max. Solid Conductor: 0.5 mm² (AWG 20) Max. Stranded Conductor: 0.5 mm² (AWG 20)

R (max): 3.6 mOhm

Vtest: 1200 V (AC), 1800 V (DC)

Others

Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

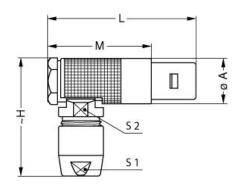
Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Salt Spray Corrosion: >144 hr Climatical Category: 50/175/21 Shielding (min): 75 dB (10 MHz) Shielding (min): 40 dB (1 GHz)

IP Rating: 50

DRAWINGS

Draws







Dimensions

	А	Н	L	М	S 1	S2
mm.	12.5	33.7	36	25	9	10
in.	0,49	1,33	1,42	0,98	0,35	0,39

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.

RECOMMENDED BY LEMO

Tools

None

Cables

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.