

FLM.1S.302.CLAD52

SUMMARY

Wires

Low voltage 2

Image is for illustrative purpose only

Series 1S

Termination type Male solder

IP rating 50

AWG wire size 28.00 - 20.00 Cable Ø 4.30 - 5.20 mm

Status active

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Catalog

TECHNICAL DETAILS

Mechanics

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

Keying Hermaphroditic keying (half moon insert) with male pin 1

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 21.64 g

Performance

Configuration 15.302 : 2 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 15 Amps

Specifications

Contact Type: Solder

Contact Dia.: 1.3 mm (0.051in) 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)

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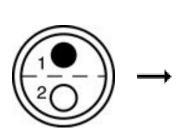
Others

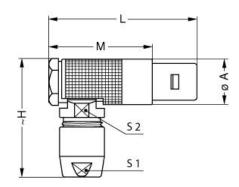
Endurance (Shell): 5000 mating cycles Temp (min / max): -55°C / +250°C

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

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] 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	Н	L	M	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

RECOMMENDED BY LEMO

Tools

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Cables

CMN.02.T20.047PGZE		Grey	-
CMN.02.T20.047PNZE			= =
CMN.02.T20.048QGZE	TPR (medical)	Grey	-
120240	PVC	Black	
120250	PVC	Grey	-
120501	PVC	Grey	-
2221	PVC	Black	
4082	PVC	Grey	

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