

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	2W
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	28.00 - 20.00
Cable Ø	1.30 - 1.50 mm
Status	Active
Matching parts	EVG.2W.306.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FV*: Straight plug, cable collet
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	54.80 g

Performance

Configuration	2W.306 : 6 Low Voltage
Insulator	
Rated Current	12 Amps

Specifications

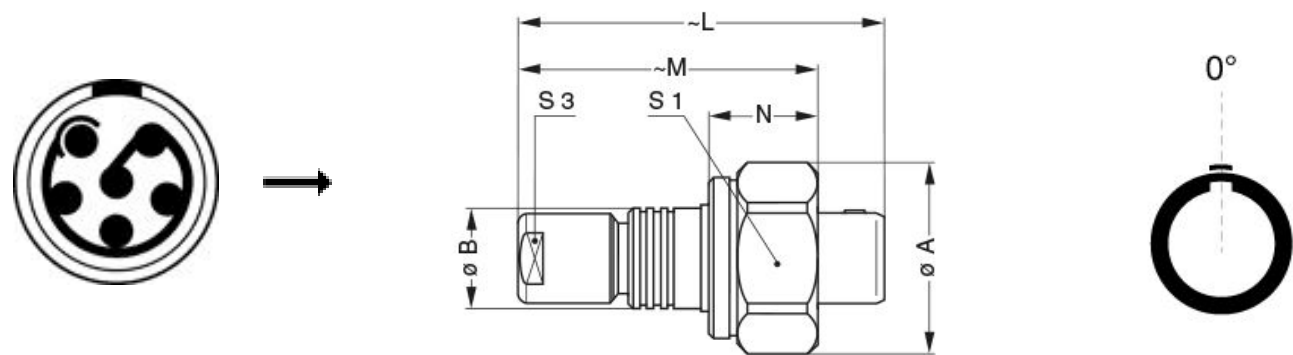
Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-contact): 1350 V (AC) 1900 V (DC)
Vtest (contact-shell): 1450 V (AC) 2100 V (DC)

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Others

Endurance (Shell): 1000 mating cycles
Temp (min / max): -20°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Climatical Category: 20/200/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr
Pressure: 30 bars

DRAWINGS



Dimensions

	A	B	L	M	N	S1	S3
mm.	23.5	14.0	52.5	43.0	15.5	22	12
in.	0,93	0,55	2,07	1,69	0,61	0,87	0,47

RECOMMENDED BY LEMO

Tools

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