

SUMMARY

Wires



Low voltage	2
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Image is for illustrative purpose only

Series	1K
Termination type	Male solder
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	6.10 - 6.50 mm
Status	active
Matching parts	EGA.1K.302.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
Keying	2 keys (alpha=30, 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	22.28 g

Performance

Configuration	1K.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	15 Amps

Specifications

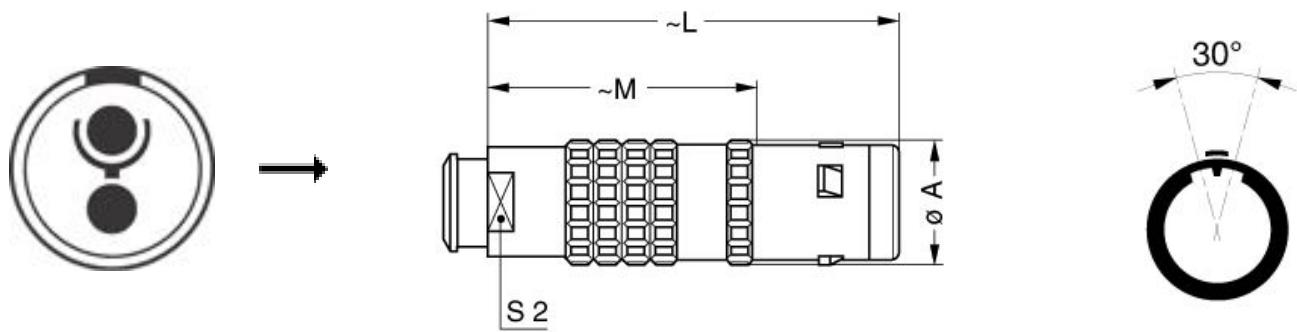
Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1350 V (AC), 1910 V (DC)
Vtest (contact-contact):	1500 V (AC), 2150 V (DC)

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Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	M	S2
mm.	13	42	28	9
in.	0,51	1,65	1,10	0,35

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.1E.008.PA090](#)

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