

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 1K
Termination type Female solder
IP rating 68
AWG wire size 28.00 - 20.00
Cable Ø 4.60 - 5.00 mm
Status active
Matching parts [EGL.1K.302.CLA](#)

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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 (gamma=75, plug: female contacts, receptacle: male 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
Variant Z : Nut for fitting a bend relief
Weight 23.12 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 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

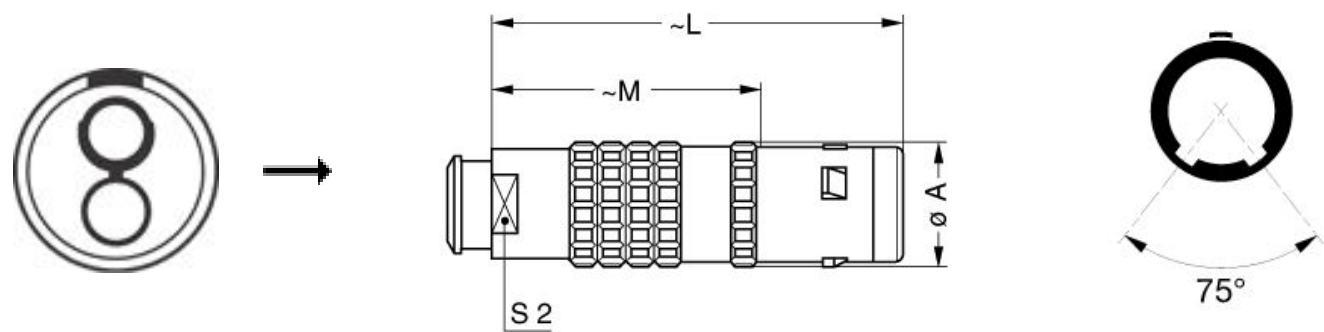
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Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1500 V (AC), 2150 V (DC)

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

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

Cables

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

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