

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	1K
Termination type	Male crimp
IP rating	68
AWG wire size	26.00 - 22.00
Cable Ø	6.60 - 7.00 mm
Status	active
Matching parts	EGG.1K.308.CYM

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with oversize 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	37.42 g

Performance

Configuration	1K.308 : 8 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)

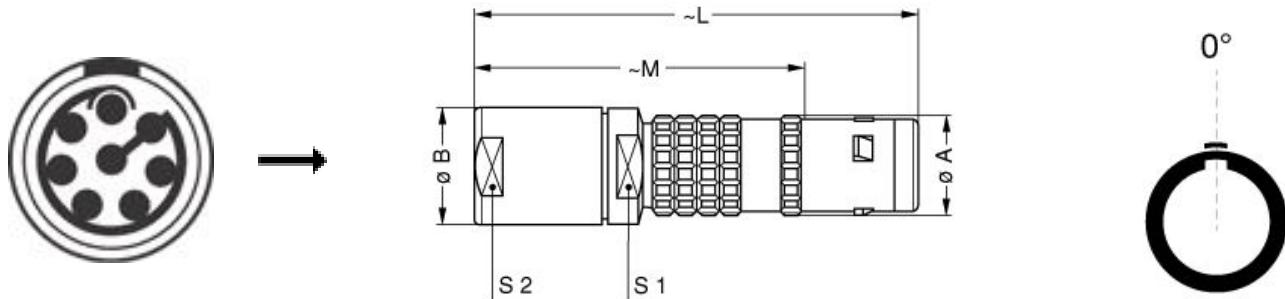
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Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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	B	L	M	S1	S2
mm.	13	14.5	60	46	12	12
in.	0,51	0,57	2,36	1,81	0,47	0,47

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)
Crimp settings: AWG/Selector = 22-24-26/6-5-5
Positionner: [DCE.91.071.BVC](#)
Extractor: [DCF.91.070.2LT](#)
Replacement contact: FGG.1B.555.ZZC
Spanner wrench: [DCD.1E.008.PA090](#)
Caps: [BFG.1K.100.NAS](#)

Cables

108220	PVC	Black	
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