

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series 2K
Termination type Male crimp
IP rating 68
AWG wire size 22.00 - 18.00
Cable Ø 9.60 - 10.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug with oversize cable collet
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 58.94 g

Performance

Configuration 2K.303 : 3 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 17 Amps

Specifications

Contact Type: Crimp
Contact Retention: 50 N
Contact Dia.: 1.6 mm (0.063in)
Bucket Dia.: 1.4 mm (0.055in)
Min. Conductor: 0.34 mm² (AWG 22)
Max. Conductor: 1 mm² (AWG 18)
R (max): 3.5 mOhm
Vtest (contact-shell): 1900 V (AC), 2700 V (DC)

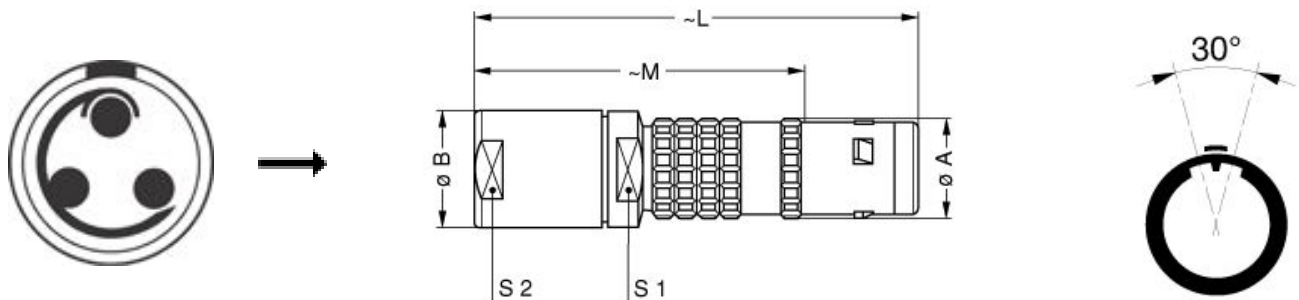
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Vtest (contact-contact): 1900 V (AC), 2700 V (DC)

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.	16	17	68	52	15	15
in.	0,63	0,67	2,68	2,05	0,59	0,59

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.101.A](#)
Crimp settings: AWG/Selector = 18-20/8-7
Positionner: [DCE.91.162.BVCM](#)
Extractor: [DCF.91.162.2LT](#)
Replacement contact: FGG.2B.571.ZZC
Spanner wrench: [DCD.2E.020.PA120](#)

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