

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series 2K
Termination type Male crimp
IP rating 68
AWG wire size 24.00 - 20.00
Cable Ø 6.60 - 7.00 mm
Status active
Matching parts [EGG.2K.310.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, cable collet and nut for fitting a bend relief
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
Variant Z : Nut for fitting a bend relief
Weight 41.87 g

Performance

Configuration 2K.310 : 10 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm² (AWG 24)
Max. Conductor: 0.5 mm² (AWG 20)

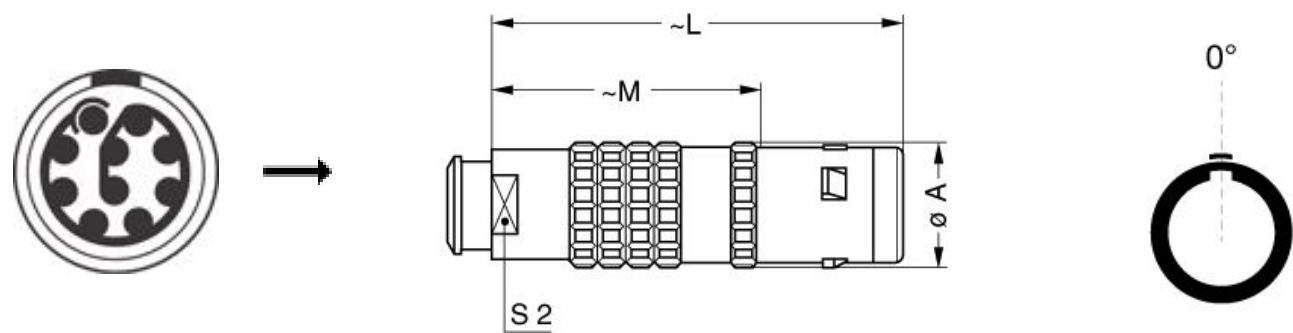
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R (max): 4.8 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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.	16	52	36	12
in.	0,63	2,05	1,42	0,47

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Tools

- Crimp Tool:

[DPC.91.701.V](#)
- Crimp settings:

AWG/Selector = 20-22-24/6-5-5
- Positionner:

[DCE.91.092.BVC](#)
- Extractor:

[DCF.91.090.2LT](#)
- Replacement contact:

FGG.2B.560.ZZC
- Spanner wrench:

[DCD.2E.020.PA120](#)
- Caps:

[BFG.2K.100.NAS](#)

Cables

CMN.10.T22.068QGZE	TPR (medical)	Grey	
210240	PVC	Black	
210250	PVC	Grey	

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