

SUMMARY

Wires

Low voltage 20



Image is for illustrative purpose only

Series 3K
Termination type Male crimp
IP rating 68
AWG wire size 26.00 - 22.00
Cable Ø 6.10 - 6.50 mm
Status active
Matching parts [EGG.3K.320.CYM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FG*: Straight plug, 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 70.71 g

Performance

Configuration 3K.320 : 20 Low Voltage
Insulator Y: PEEK for crimp contacts
Rated Current 6 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): 1550 V (AC), 2200 V (DC)

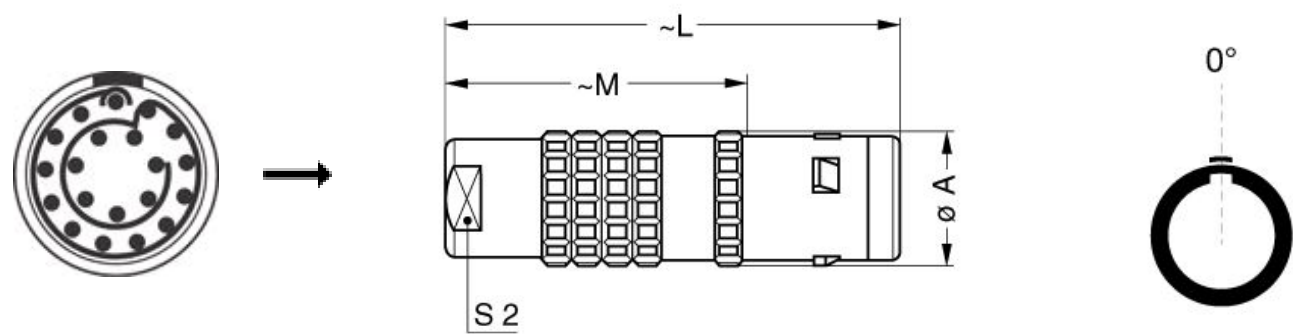
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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.	19	61	41	15
in.	0,75	2,40	1,61	0,59

RECOMMENDED BY LEMO

Tools

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Crimp Tool:	<u>DPC.91.701.V</u>
Crimp settings:	AWG/Selector = 22-24-26/6-5-5
Positionner:	<u>DCE.91.073.BVC</u>
Extractor:	<u>DCF.92.070.3LT</u>
Replacement contact:	FGG.3B.555.ZZC
Spanner wrench:	<u>DCD.3E.030.PA150</u>
Caps:	<u>BFG.3K.100.NAS</u>

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