FGG.2K.318.CYCC70

SUMMARY

Wires

Low voltage	**18**



Image is for illustrative purpose only

Series	2K
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.2K.318.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

Performance

Configuration	2K.318 : 18 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	5.5 Amps

Specifications

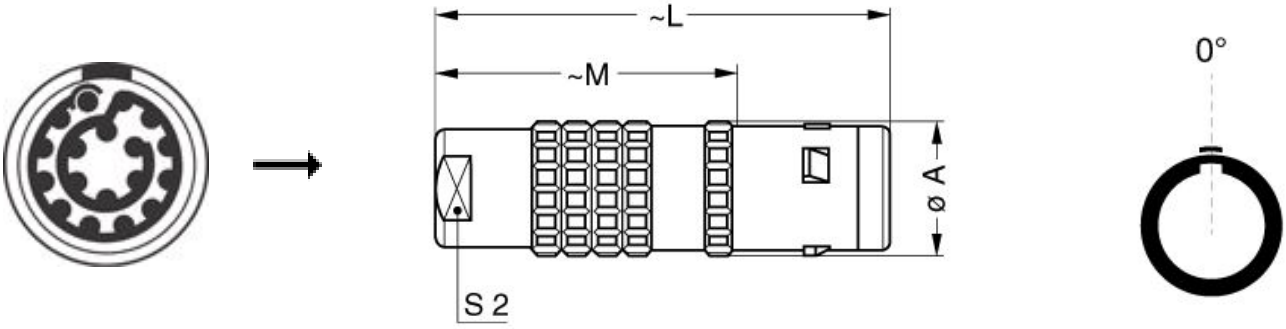
Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm^2 (AWG 26)
Max. Conductor: 0.34 mm^2 (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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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

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Positionner:	DCE.91.072.BVC
Extractor:	DCF.91.070.2LT
Replacement contact:	FGG.2B.555.ZZC
Spanner wrench:	DCD.2E.020.PA120
Caps:	BFG.2K.100.NAS

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