

SUMMARY

Wires

Low voltage 10



Image is for illustrative purpose only

Series	2K
Termination type	Female crimp
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	8.10 - 8.50 mm
Status	active
Matching parts	FGG.2K.310.CYCC85Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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	45.77 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]

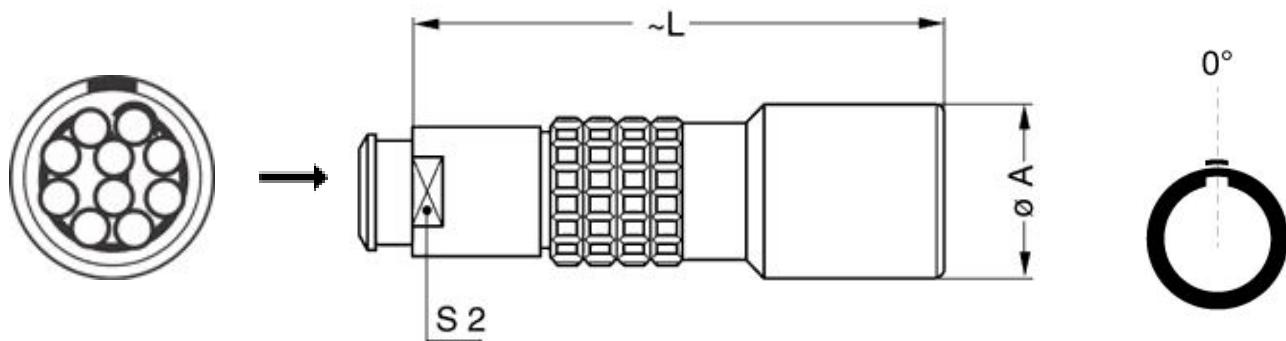
Climatical Category: 50/175/21

Shielding (min): 95 dB (10 MHz)

Shielding (min): 80 dB (1 GHz)

Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L	S2
mm.	19	54	12
in.	0,75	2,13	0,47

RECOMMENDED BY LEMO

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Tools

Crimp Tool:	<u>DPC.91.701.V</u>
Crimp settings:	AWG/Selector = 20-22-24/6-5-5
Positionner:	<u>DCE.91.092.BVM</u>
Extractor:	<u>DCF.91.090.2LT</u>
Replacement contact:	EGG.2B.660.ZZM
Spanner wrench:	<u>DCD.2E.020.PA120</u>

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