

SUMMARY

Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	2K
Termination type	Female crimp
IP rating	68
Cable Ø	8.10 - 8.50 mm
Matching parts	FGG.2K.310.CYCC85Z
Status	active
Alternative part	

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 8.1 - 8.5 mm
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
Max. Matings: 5000

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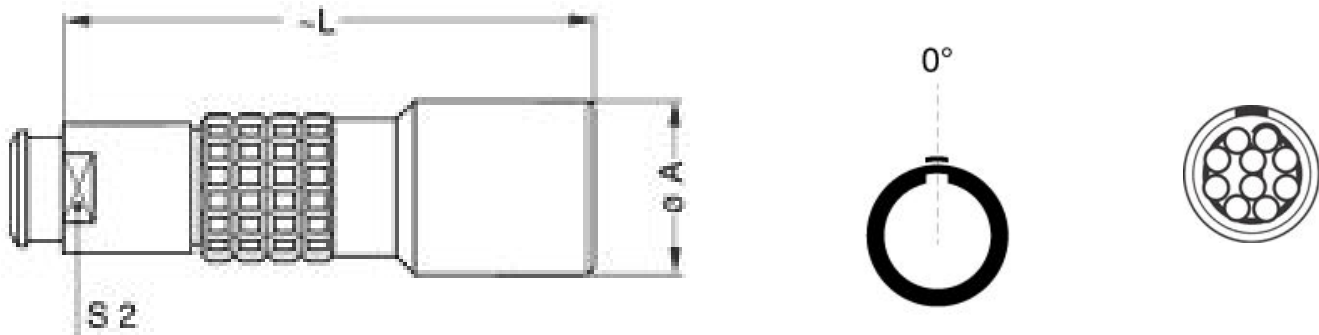
Contact Retention: 30 N
 Contact Dia.: 0.9 mm (0.035in)
 Bucket Dia.: 1.1 mm (0.043in)
 Min. Conductor: 0.25 mm² (AWG 24)
 Max. Conductor: 0.5 mm² (AWG 20)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 2100 V (AC), 2970 V (DC)
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

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

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RECOMMENDED BY LEMO

Tools

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

Cables

210 200	PVC	Black	
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