

SUMMARY



Image is for illustrative purpose only

Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	0K
Termination type	Male crimp
IP rating	68
Cable Ø	3.60 - 4.00 mm
Matching parts	EGG.0K.306.CYM
Status	
Alternative part	

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C40: 3.6 - 4 mm
Variant	

Performance

Configuration	0K.306 : 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2.5 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 12 N
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Min. Conductor: 0.035 mm ² (AWG 32)

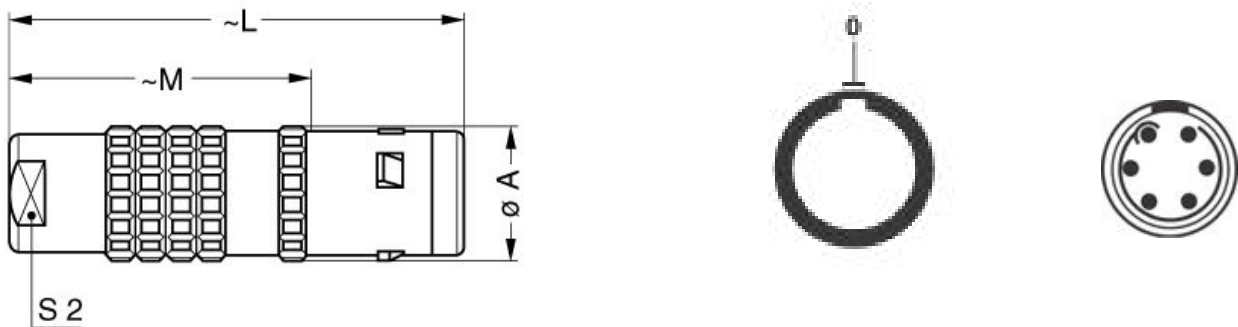
Max. Conductor: 0.09 mm² (AWG 28)
 R (max): 8.7 mOhm
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
 Vtest (contact-contact): 1400 V (AC), 1980 V (DC)

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	M	S2
mm.	11	34	23	8
in.	0,43	1,34	0,91	0,31

RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 28-30-32/4-3-3
Positionner: DCE.91.050.BVC
Extractor: DCF.91.050.2LT
Replacement contact: FGG.0B.554.ZZC
Spanner wrench: DCD.OE.007.PA080
Caps: BFG.0K.100.NAS

Cables