

SUMMARY

Wires

Low	2
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	2K
Termination type	Male solder
IP rating	68
Cable Ø	6.10 - 6.50 mm
Matching parts	EGG.2K.302.CLL
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, 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	C65: 6.1 - 6.5 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	2K.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	25 Amps

Specifications

Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	2 mm (0.079in)
Bucket Dia.:	1.8 mm (0.071in)
Max. Solid Conductor:	1.5 mm ² (AWG 14)
Max. Stranded Conductor:	1.5 mm ² (AWG 16)

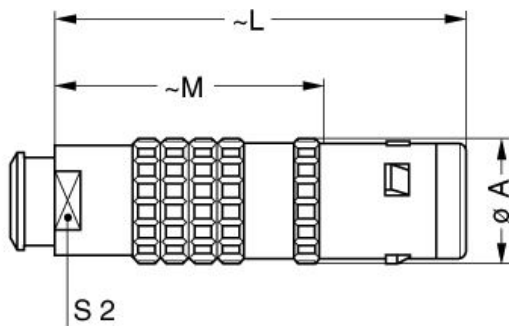
R (max): 3.3 mOhm
 Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
 Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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
 Climatological 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.	16	52	36	12
in.	0,63	2,05	1,42	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.2E.020.PA120
 Caps: BFG.2K.100.NAS

Cables

CMN.02.T18.064UNCU			
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