

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

Series 3K
Termination type Male solder
IP rating 68
AWG wire size 18.00 - 10.00
Cable Ø 7.60 - 8.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model PK*: Fixed receptacle, nut fixing, cable collet
Keying 2 keys (gamma=75, plug: female contacts, receptacle: male 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
Weight 109.15 g

Performance

Configuration 3K.302 : 2 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 35 Amps

Specifications

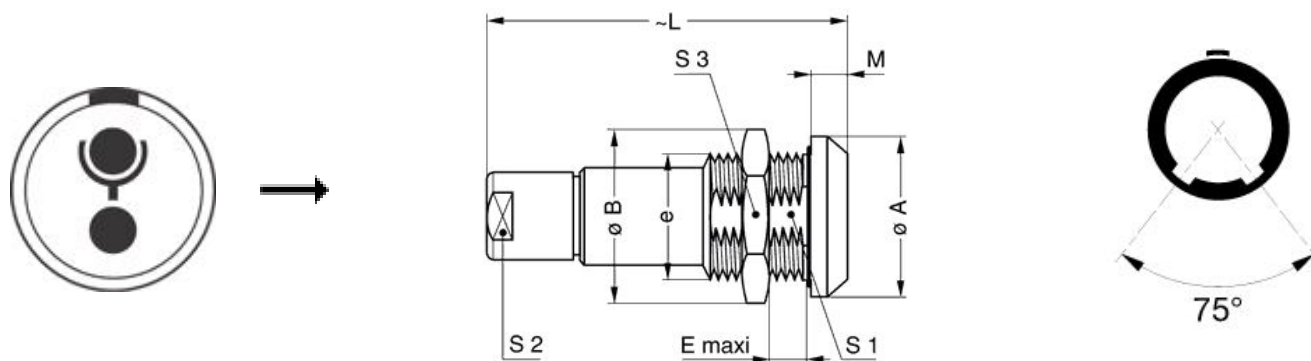
Contact Type: Solder
Contact Dia.: 3 mm (0.118in)
Bucket Dia.: 2.7 mm (0.106in)
Max. Solid Conductor: 4 mm² (AWG 10)
Max. Stranded Conductor: 4 mm² (AWG 12)
R (max): 3.1 mOhm
Vtest (contact-shell): 1500 V (AC), 2150 V (DC)
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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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	B	E	L	M	S1	S2	S3	e
mm.	31	34	11.5	65.7	6	22.5	15	30	M24x1.0
in.	1,22	1,34	0,45	2,59	0,24	0,89	0,59	1,18	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3E.030.PA150](#)

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Cables

CMN.02.T12.078PGZE		Grey	
CMN.02.T12.078PNZE		Black	
CMN.02.T14.078PGZE		Grey	
CMN.02.T14.078PNZE			

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