

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series	0T
Termination type	Female solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	4.60 - 5.00 mm
Status	active
Alternative part	PHG.0T.309.CLLK50
Matching parts	FGG.0T.309.CLAC50

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
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
Weight	21.42 g

Performance

Configuration	T.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

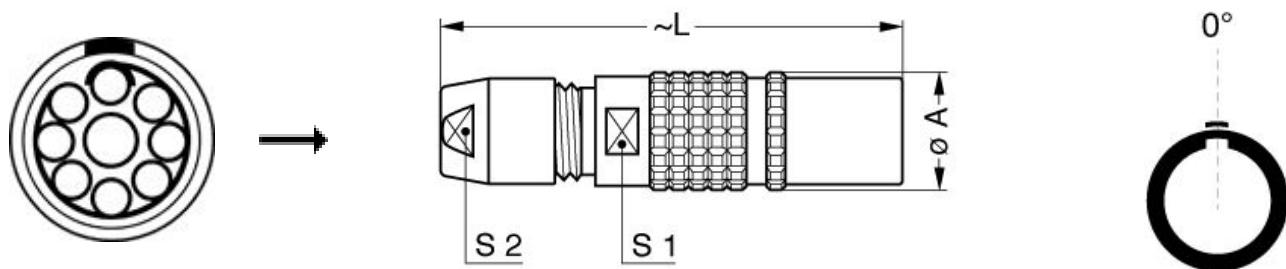
Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 500 V (AC), 710 V (DC)
Vtest (contact-contact): 600 V (AC), 850 V (DC)

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Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Resistance to vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding efficiency (min): 75 dB (at 10 MHz)
Shielding efficiency (min): 40 dB (at 1 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L
mm.	9	38
in.	0,35	1,50

RECOMMENDED BY LEMO

Tools

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Cables

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