

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	0T
Termination type	Female solder
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	4.10 - 4.50 mm
Status	active
Matching parts	FGG.0T.306.CLAC45Z

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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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant	Z : Nut for fitting a bend relief
Weight	21.42 g

Performance

Configuration	0T.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.09 mm ² (AWG 28)
R (max):	8.7 mOhm

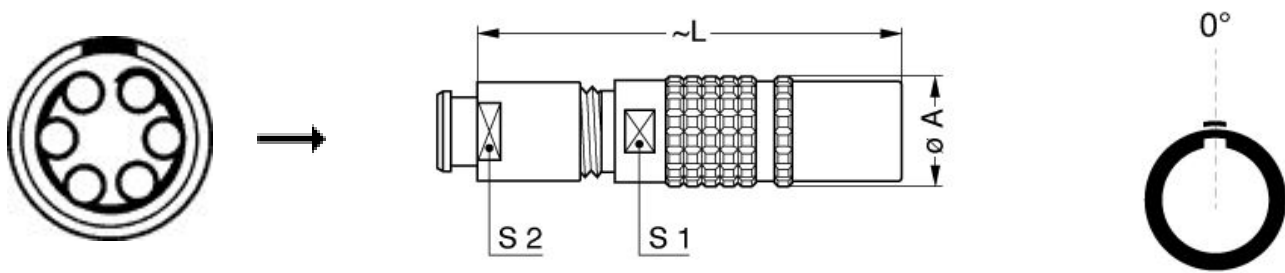
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Vtest (contact-shell): 650 V (AC), 920 V (DC)
Vtest (contact-contact): 850 V (AC), 1200 V (DC)

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	37
in.	0,35	1,46

RECOMMENDED BY LEMO

Tools

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Cables

CMN.06.T28.042QBCE	TPR (medical)		
CMN.06.T28.044PGZE		Grey	
CMN.06.T28.044PNZE			

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