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SUMMARY

Wires

Low voltage 16

Image is for illustrative purpose only

Series 1K

Termination type Female solder

IP rating 68

AWG wire size 34.00 - 28.00

Cable Ø 0.00 - 0.00 mm

Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model *:

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 P: Watertight

Weight 21.41 g

Performance

Configuration 1K.316: 16 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 1.5 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.5 mm (0.02in) Bucket Dia.: 0.45 mm (0.018in)

Max. Solid Conductor: 0.09 mm² (AWG 28) Max. Stranded Conductor: 0.09 mm² (AWG 28)

R (max): 8.7 mOhm

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Vtest (contact-shell): 1250 V (AC), 1770 V (DC) Vtest (contact-contact): 800 V (AC), 1130 V (DC)

Others

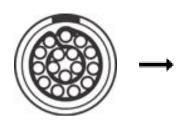
Endurance (Shell): 5000 mating cycles Temp (min / max): -20°C / +100°C

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [6 ms] Climatical Category: 20/80/21 Shielding (min): 95 dB (10 MHz) Shielding (min): 80 dB (1 GHz) Salt Spray Corrosion: >1000 hr

Pressure: 60 bars

DRAWINGS





RECOMMENDED BY LEMO

Tools

Cables

CMN.16.T28.059PGZE	Grey	
CMN.16.T28.059PNZE		
CMN.16.T28.070NNZZ		

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CMN.16.T30.047QGZE	TPR (medical)	Grey	>
116080	PUR	Black	
116280	PVC	Black	-
16050	PVC	Black	

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