

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series 1E
Termination type Male solder
IP rating 68
AWG wire size 32.00 - 24.00
Cable Ø 5.60 - 6.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model FLM*: Elbow (90°½) plug with cable collet for bend relief
Keying Hermaphroditic keying (half moon insert) with male pin 1
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 33.29 g

Performance

Configuration 1E.306 : 6 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm² (AWG 24)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm

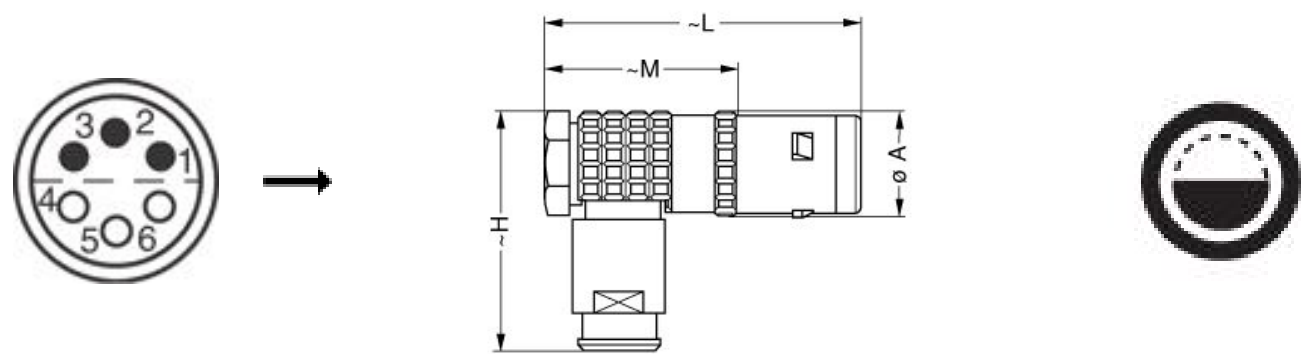
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Vtest: 1500 V (AC), 2100 V (DC)

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]
- 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	H	L	M
mm.	13	37	42	28
in.	0,51	1,46	1,65	1,10

RECOMMENDED BY LEMO

Tools

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Cables

12080	PVC	Grey	
260250	PVC	Grey	

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