

SUMMARY

Wires

Low voltage	19
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Image is for illustrative purpose only

Series	2M	Download
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Termination type	Female solder	Request a quote
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IP rating	68	Catalog
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AWG wire size	30.00 - 22.00
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Cable Ø	6.50 - 13.00 mm
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Status	active
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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing for printed circuit, watertight
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Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
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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
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Variant	P : Watertight
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Weight	30.24 g
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Performance

Configuration	2M.319 : 19 Low Voltage
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Insulator	L: PEEK
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Rated Current	4 Amps
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Specifications

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in)

Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22)

Max. Stranded Conductor: 0.34 mm² (AWG 22)

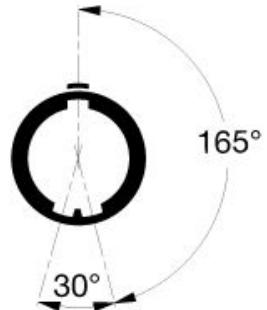
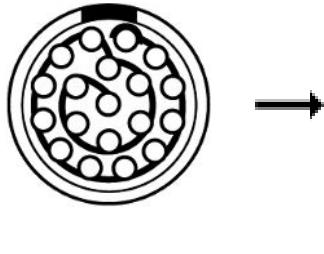
R (max): 6.1 mOhm

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Others

Endurance (Shell): 3000 mating cycles
Temp (min / max): -20°C / +80°C
Humidity (max): 21 days at 95%
Gunfire vibration: 25 Hz - 2000 Hz, 3 axis (Apache helicopter)
Vibration-Sine: 30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]
Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]
Shock Resistance: 300 g [3 ms]
Lightning strike EIA 364-75: 10K amps - 6 times
Thermal shock: 5 cycles: -65°C to +150°C
EMI Shielding EIA 364-66A: >= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)
Salt Spray Corrosion: >1000 hr

DRAWINGS



RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCM.65.000.4PA](#)

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