

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	2M
Termination type	Female crimp
IP rating	68
AWG wire size	24.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FMN.2M.514.XLCT7

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PM*: Free receptacle with knurled grip and mold stop
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Weight	20.17 g

Performance

Configuration	2M.514 : 8 High Speed, Low Voltage (CAT 6A)
Insulator	L: PEEK
Rated Current	

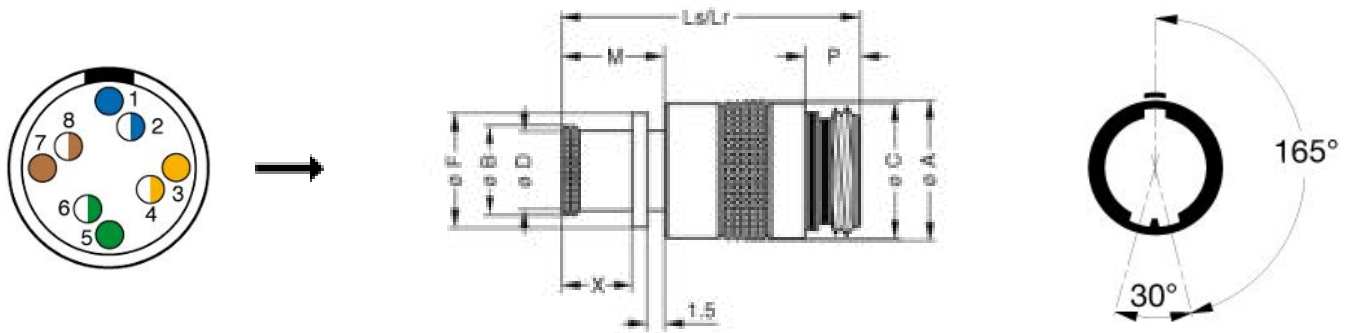
Others

Temp (min / max): -20°C / +200°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]

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Vibration-Random: 37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]
 Shock Resistance: 300 g [3 ms]
 Lighting 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: max. 48 hr

DRAWINGS



Dimensions

	A	B	C	D	F	Lr	Ls	M	P	X
mm.	17.6	14	17.2	13	15.5	29	29	10.1	5.3	7.1
in.	0,69	0,55	0,68	0,51	0,61	1,14	1,14	0,40	0,21	0,28

RECOMMENDED BY LEMO

Tools

Positionner: [DCE.91.072.MVCM](#)

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