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FMN.2M.514.ILCM7

SUMMARY

Wires

Low voltage	**8**

Image is for illustrative purpose only

Series	2M
Termination type	Male crimp
IP rating	68
AWG wire size	24.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FM*: Straight plug, key (N) or keys (P, R, S, T, U, V, W and X) with knurled grip and MIL-DTL-38999L shell thread
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Aluminium (NiCorAl Nickel fluorocarbon polymer, anthracite color) shell and nut, other pieces bronze/brass
Weight	16.69 g

Performance

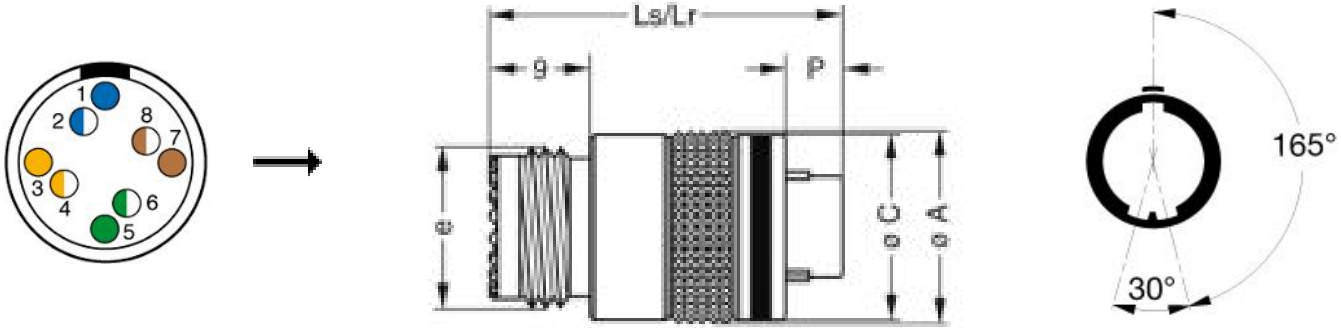
Configuration	2M.514 : 8 High Speed, Low Voltage (CAT 6A)
Insulator	L: PEEK
Rated Current	

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]
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. 500 hr

DRAWINGS



Dimensions

	A	C	Lr	Ls	P	e
mm.	17.6	17.2	26.4	26.4	3.9	M15x1.0
in.	0,69	0,68	1,04	1,04	0,15	

RECOMMENDED BY LEMO

Tools

Positionner: DCE.91.072.MVCM