

SUMMARY

Wires

Low voltage	40
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Image is for illustrative purpose only

Series	TM
Termination type	Female print PCB
IP rating	50
AWG wire size	24.00 - 24.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FMW.TM.340.XLC

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- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [PCB KiCad Pattern](#)
- [Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts, for printed circuit
Keying	5 keys (alpha=95, beta=115, gamma=35, delta=25, 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	18.14 g

Performance

Configuration	TM.340 : 40 Low Voltage
Insulator	L: PEEK
Rated Current	3 Amps

Specifications

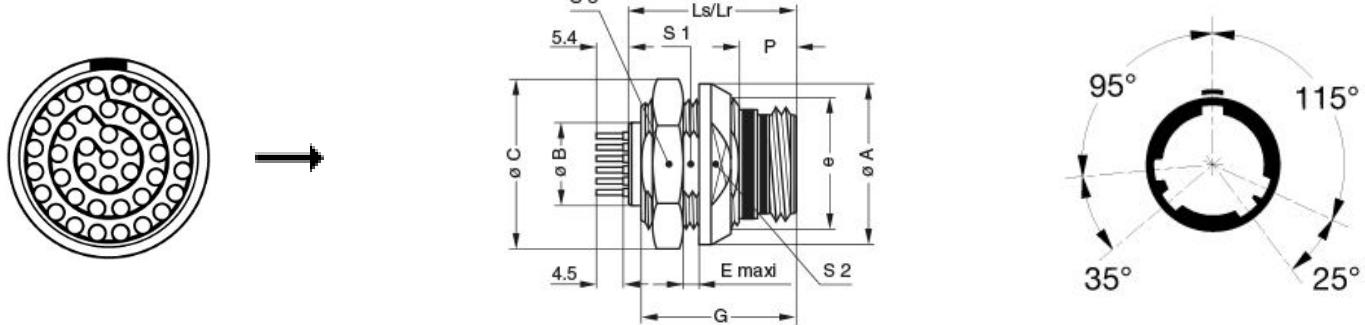
Contact Type:	Print (straight)
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Test voltage (kV rms)	Contact-contact: 1.05
Test voltage (kV rms)	Contact-shell: 1.20

Others

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Endurance (Shell): 3000 mating cycles
 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. 48 hr

DRAWINGS



Dimensions

	A	B	C	E	G	Lr	Ls	P	S1	S2	S3	e
mm.	27	12.3	28	2.5	18.9	21.9	20	7.9	20.5	23	25	M22x1.00
in.	1,06	0,48	1,10	0,10	0,74	0,86	0,79	0,31	0,81	0,91	0,98	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCM.65.040.8PA](#)

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