

SUMMARY

Wires

Low	68
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	LM
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	



Image is for illustrative purpose only

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing for printed circuit, watertight
Keying	5 keys (alpha=95, beta=115, gamma=35, delta=25, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant	P : Watertight
Weight	29.32 g

Performance

Configuration	LM.368 : 68 (0.7 mm) Low Voltage
Insulator	L: PEEK
Rated Current	2.5 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Test voltage (kV rms) Contact-contact: 1.40

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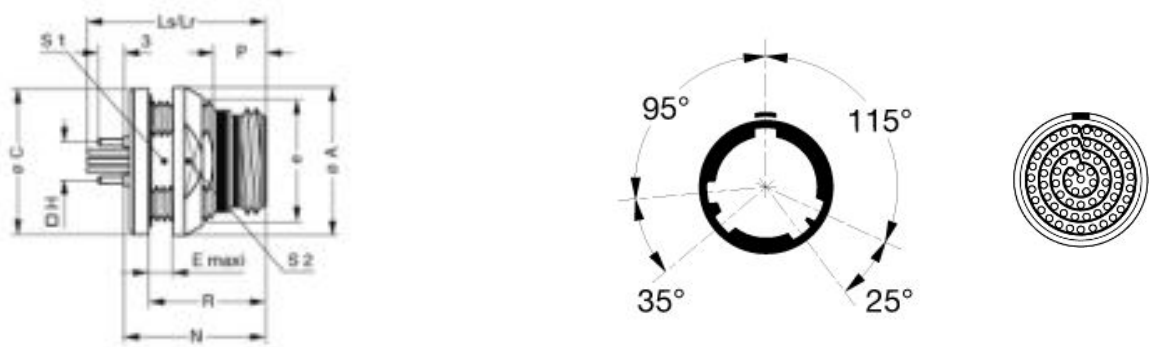
Test voltage (kV rms) Contact-shell: 1.65

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]
- 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: >1000 hr
- IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	C	E	H	Lr	Ls	N	P	R	S1	S2	e
mm.	33	31.8	4	16.51	24.6	24.6	19.9	7.9	16.9	26.5	29	M28x1.00
in.	1,30	1,25	0,16	0,65	0,97	0,97	0,78	0,31	0,67	1,04	1,14	

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Tools

Spanner wrench: DCM.65.040.8PA

Cables

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