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Summary

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[00and01Coaxial en](#)

[Customer Drawing](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Panel Drill Hole	M7
Size	00
Series	00 - NIM-CAMAC

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/eps-00-250-ntd.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
R (max)	6.1 mOhm
Insert configuration value	0.25 - 1 Coax (50 Ohm)
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	T: PTFE
Rated current	4 A
Impedance	50 Ohms
VSWR	1.09 + 0.11 * f/GHz
Vtest	2100 V (AC), 3000 V (DC)
Test voltage	2.1 kV (rms)
Contact Dia.	0.7 mm (0.028in)

Form & Material

Shell style / Model id	EPS - Elbow receptacle with two nuts, for printed circuit
Socket / Receptacle	Elbow
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Locking system	Push-pull
Keying	Circular, male
Colour	Grey
Weight	5.38 g
Panel Drill Hole	M7

Environment

Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +260°C (max. temperature valid for short periods of use.)
F ret (min)	100 N
Salt Spray Corrosion	>144 hr

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Recommended By Lemo

Accessories

Compatible cap [BRE.00.200.NAS](#)

Tools

Spanner 2 [DCM.65.088.AZ4](#)

Spanner wrench [Socket for torque wrench DCM.00.M07.4](#)

CAD

Documents

PCB [Download](#)

PCB Eagle [Download](#)

Kicad [Download](#)

PCB Altium [Download](#)

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