

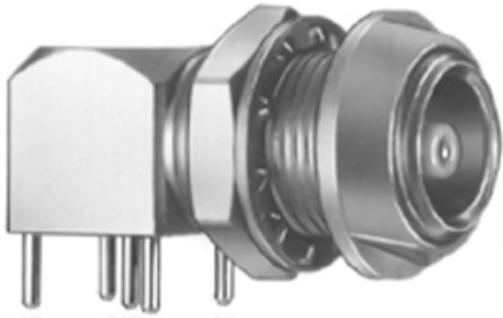


Image for illustrative purpose only

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
Suggested matching part	FVS.00.250.NTA
Series	00 - NIM-CAMAC

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/eps-00-250-ntn9.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	$1.09 + 0.11 * f/\text{GHz}$
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, female
Colour	Grey
Weight	5.28 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