

FPL.00.250.NTD



Special

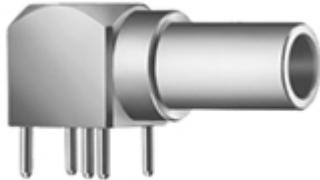


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Summary

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00and01Coaxial en

Nb of contacts Coax	1
Plug	Plug - Elbow
Locking system	Push-pull
Size	00
Suggested matching part	PCA.00.250.NTLC29
Series	00 - NIM-CAMAC

https://www.lemo.com/int_en/solutions/specialties/00-nim-camac/fpl-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	$1.09 + 0.11 * f/\text{GHz}$
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	FPL - Elbow plug, non-latching, for printed circuit
Plug	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	3.74 g

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

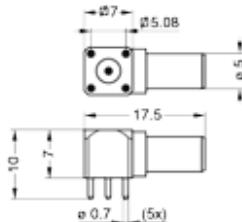
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

Drawings



Dimensions

	A	L
mm.	7	17.5
in.	0.28	0.69

CAD

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download

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