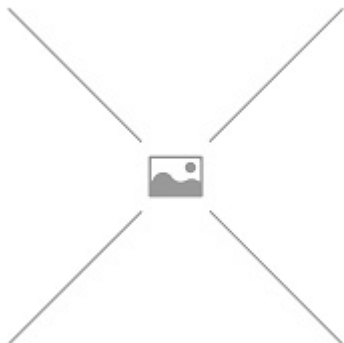


Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[Coax triax mixed en](#)

Nb of contacts Coax	1
Locking system	Push-pull
Size	1S
Suggested matching part	FFA.1S.275.NTAC27Z
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/epl-1s-275-ntn.html

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Technical details

Electrical Configuration

Nb of contacts Coax	1
Insert configuration value	1S.275 - 1 Coax (75 Ohm)
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	T: PTFE
Rated current	10 A
Impedance	75 Ohms
Test voltage (kV rms)	0.7
Cable type	RG 179 B/U, RG 187 A/U, RG 58 C/U, RG 302 /U, RG 400 /U, 2YCCY, RG 59 B/U, RG 223 /U, HF-5408
Bucket Dia.	1.1 mm (0.04in)
Contact Dia.	1.3 mm (0.05in)

Form & Material

Housing material	Brass (nickel plated [SAE AMS QQ N 290]) collet and crimping tube, brass (chrome plated [SAE AMS 2460]) collet nut
Locking system	Push-pull
Keying	Circular, female
Colour	Grey
Weight	17.26 g

Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>144 hr

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Drawings



Recommended By Lemo

Accessories	
Compatible cap	BRE.1S.200.NAS

CAD

Documents	
PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download