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NSC3F



The NanoCon® is the smallest lockable 3-pole connector in the world. It offers a robust metal housing, a metal locking device, gold plated contacts and excellent cable retention.

Female cable connector, chuck type strain relief and solder contacts.

Features & Benefits

- World's smallest circular lockable multipole connector.
- Robust metal housing with gold plated contacts.
- Reliable and versatile in applications like medical equipment, control systems, sensors or audio applications such as miniature and wireless microphones and portable mixers.
- Pre-mating contact 1.

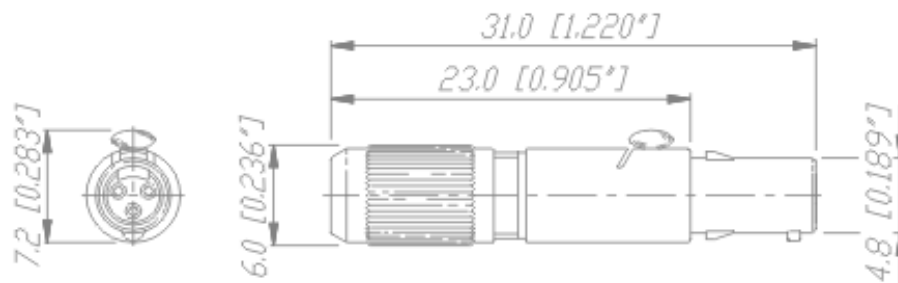


NanoCon®



Industry

NSC3F



There are no technical infos for this product.

Product

Connector Type	NanoCon
Gender	female

Electrical

Contact resistance	$\leq 12 \text{ m}\Omega$
Dielectric strength	1 kVdc
Insulation resistance	$> 1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
Rated current per contact	2 A
Rated voltage	50 V

Mechanical

Cable O.D.	max. 3.4 mm
Cable retention force	$> 20 \text{ N}$
Insertion force	$< 15 \text{ N}$
Lifetime	500 mating cycles
Wire size	0.2 mm ² / 0.14 mm ² (solid / stranded wire)
Wire size	24 AWG / 26 AWG
Wiring	solder contacts
Locking device	Latch lock

Material

Contact plating	0.5 μm Au
Contacts	Brass (CuZn35Pb2)
Insert	PETP
Shell	CuSn4Pb4Zn4
Strain relief	Polyacetal (POM)

Environmental

Flammability	UL 94 V-0
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

Optical

Mobile Cables