

TECHNICAL SPECIFICATION



Technical Information

Product

Title	NP3X
Connection Type	Plug
Gender	male

Electrical

Contact resistance	depends on mating connec
Dielectric strength	1 kVdc
Insulation resistance	> 2 GΩ (initial)
Rated current per contact	depends on mating connec
Rated voltage	< 50 V

Mechanical

Cable O.D.	4 - 7 mm
Lifetime	> 1000 mating cycles
Wiresize	1 mm ²
Wiresize	18 AWG
Wiring	Solder contacts

Material

Bushing	Polyacetal (POM) + PU
Contact plating	2 μm Ni (Su)
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GI
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)

Environmental

Standard compliance	IEC 60603-11 / EIA RS-455
Solderability	Complies with IEC 68-2-20
Temperature range	-20 °C to +65 °C



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