

# TECHNICAL SPECIFICATION



## Technical Information

Product	
Title	NC3FXX-BAG
Connection Type	XLR
Gender	female
Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 10 GΩ (initial)
Rated current per contact	16 A
Rated voltage	< 50 V
Mechanical	
Cable O.D.	3.5 - 8.0 mm
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Wiresize	max. 2.5 mm <sup>2</sup>
Wiresize	max. 14 AWG
Wiring	Solder contacts
Locking device	Latch lock
Material	
Boot	Polyurethan
Contact plating	2 μm Ag
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA 6,6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1) / Ck 67 (spr
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black chromium
Strain relief	Polyacetal (POM)
Environmental	
Flammability	UL 94 HB
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C



1723 W. 4th Street Tempe Arizona 85281

P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com www.covid.com