

Produkt	
Verbindungstyp	XLR
Geschlecht	male
Electrical	
Kapazität zwischen Kontakten	≤ 4 pF
Durchgangswiderstand	≤ 3 mΩ
Durchschlagsfestigkeit	1,5 kVdc
Isolationswiderstand	> 2 GΩ (initial)
Isolationswiderstand	> 1 GΩ (after damp heat test)
Nennstrom pro Kontakt	16 A
Nennspannung	50 V
Mechanical	
Kabeldurchmesser	3.5 - 8.0 mm
Einsteckkraft	≤ 20 N
Aussteckkraft	≤ 20 N
Lebensdauer	> 1000 mating cycles
Leiterquerschnitt	max. 2.5 mm ²
Leiterquerschnitt	max. 14 AWG
Anschlussart	Solder contacts
Rechtwinklig/Gerade	Yes
Verriegelung	latch lock
Material	
Knickschutz	Polyuretan
Spannhülse	Polyamide (PA 6 15% GR)
Kontaktbeschichtung	2um AG / 0.2 μm Au hard alloy over 2 μm Ni (NC3MRX-B)
Kontakte	Bronze (CuSn8)
Einsatz	Polyamide (PA 6.6 30 % GR)
Verriegelungselement	Zinc diecast (ZnAl4Cu1)
Gehäuse	Zinc diecast (ZnAl4Cu1)
Gehäusebeschichtung	Nickel / Black chromium (NC3MRX-B)
Zugentlastung	Polyacetal (POM)
Environmental	
Entflammbarkeit	UL 94 HB
Normenkompatibilität	IEC 61076-2-103
Schutzklasse	IP 40
Lötbarkeit	Complies with IEC 68-2-20
Temperaturbereich	-30 °C to +80 °C

Product	
Connector Type	XLR
Gender	male
Electrical	
Capacitance between contacts	≤ 4 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Insulation resistance	> 1 GΩ (after damp heat test)
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
Wire size	max. 2.5 mm ²
Wire size	max. 14 AWG
Wiring	Solder contacts
RW / Straight	Yes
Locking device	latch lock
Material	
Boot	Polyuretan
Bushing	Polyamide (PA 6 15% GR)
Contact plating	2µm AG / 0.2 µm Au hard alloy over 2 µm Ni (NC3MRX-B)
Contacts	Bronze (CuSn8)
Insert	Polyamide (PA 6.6 30 % GR)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel / Black chromium (NC3MRX-B)
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

