NC5MRX

The RX Series is the right angle version of the XX cable connector series. The successor of the RC series offers several new features which make it more reliable, easier to assemble and improves contact integrity as well cable strain relief.

5 pole right angle male cable connector, nickel housing, silver contacts

Features & Benefits

- Extra slim right-angle connector
- Male connector with improved locking recess without "window", more stringent housing increases durability
- Boot with polyurethane gland gives high protection to cable bending stresses
- Sleek and ergonomic design - valuable and handy
- 7 selectable cable outlet positions
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Coloured rings and boots available for coding or identification

Outlet Positions

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Technical Information

Product	
Title	NC5MRX
Connection Type	XLR
Gender	male

Electrical	
Capacitance between contacts	≤ 7 pF
Contact resistance	≤ 3 mΩ
Dielectric strength	1,5 kVdc
Insulation resistance	> 2 GΩ (initial)
Rated current per contact	7,5 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. 1.0 mm²
Wiresize	max. 18 AWG
Wiring	Solder contacts
Locking device	Latch lock

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Material

Boot	Polyurethan
Contact plating	2 µm Ag
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 66)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	Polyacetal (POM)

Environmental

Flammability	UL 94 V-0
Standard compliance	IEC 61076-2-103
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

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