



TINY xir



RT3FC-B



RT3FC-BW

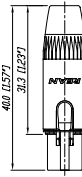


RT3MC-B

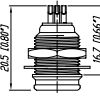
NEW

- 3- and 4-pole version available
- Easy to assemble
- Robust metal housing with best flex relief
- Shielded system – high noise immunity and EMI protection
- Intuitive and rugged locking mechanism provides secure locking system
- Millionfold proven chuck type strain relief
- Keyed insert and strain relief to avoid mispositioning/rotation of insert respectively cable
- Optional sealing boot for sweatwater protection
- Watertight chassis connector, even in unmated condition

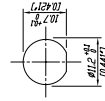
RT3FC-B



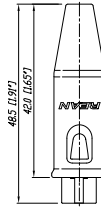
RT3MC-B



Panel Cutout



RT3FC-BW



Ordering Information

Type No.	Description
Cable connector	
RT3FC-B	3-pole TINY cable connector, black metal shell, gold plated contacts, industrial bulk packaging
RT4FC-B	4-pole TINY cable connector, black metal shell, gold plated contacts, industrial bulk packaging
Cable connector water resistant	
RT3FC-B-W	3-pole TINY cable connector, black metal shell, water resistant, gold plated contacts, industrial bulk packaging
RT4FC-B-W	4-pole TINY cable connector, black metal shell, water resistant, gold plated contacts, industrial bulk packaging
Chassis connector	
RT3MP-B	3-pole TINY chassis connector, black metal housing, gold plated contacts, max. panel thickness: 6 mm
RT4MP-B	4-pole TINY chassis connector, black metal housing, gold plated contacts, max. panel thickness: 6 mm

Specification

	Cable connector RT3FC-B	Chassis connector RT3MP-B
Electrical		
Rated current per contact	< 5 A	< 5 A
Contact resistance	< 5 mΩ	< 5 mΩ
Insulation resistance	> 1 GΩ	> 1 GΩ
Dielectric strength	> 500 V rms	> 500 V rms
Mechanical		
Lifetime	> 1'000 cycles	> 1'000 cycles
Cable O.D. range	2.0 - 4.5 mm	-
Wiring	solder contact	solder contact
Material		
Bushing	ABS	-
Contacts	bronze	brass
Contact plating	Au plated	Au plated
Insert	PA 6.6 30% GR	PA 6.6 30% GR
Shell (housing)	ZnAl4Cu1	ZnAl4Cu1
Shell plating	black	black
Strain relief	PA6	-
Protection boot	EPDM	-
Environment		
Temperature	-30°C to +85°C	-30°C to +85°C
Solderability	complies with IEC68-2-20	complies with IEC68-2-20