



## RT5FC-B

5 pole TINY xlr female cable connector, black metal shell, gold plated contacts, bulk packaging available (\*-D)

- 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 – up to 4.00 mm cable diameter
- Keyed insert and strain relief to avoid mispositioning / rotation of insert respectively cable

**Technical Information**

Product	
<b>Title</b>	RT5FC-B
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 10 mΩ
<b>Dielectric strength</b>	> 0.5 kVdc
<b>Insulation resistance</b>	> 1 GΩ
<b>Rated current per contact</b>	< 5 A

Mechanical	
<b>Cable O.D.</b>	2.0 - 4.0 mm
<b>Lifetime</b>	> 5000 mating cycles
<b>Wiresize</b>	0.22 mm <sup>2</sup>
<b>Wiresize</b>	24 AWG
<b>Wiring</b>	Solder contacts

Material	
<b>Bushing</b>	ABS / TPU
<b>Contact plating</b>	Au
<b>Contacts</b>	Bronze (CuSn6)
<b>Insert</b>	PA 6.6 30 % GF
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell plating</b>	Black
<b>Strain relief</b>	POM

Environmental	
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +85 °C