

## RRX5F-B-022

5 pole female XLR receptacle, grounding: separate ground contact to mating connector shell and front panel, vertical PCB mount



## Features & Benefits

- ✓ Cost effective XLR Chassis solution
- ✓ Gold plated contacts
- ✓ Metal mounting flange providing EMC and RF protection

## Technical Information

### Product

|                 |             |
|-----------------|-------------|
| Title           | RRX5F-B-022 |
| Connection type | XLR         |
| Gender          | Female      |

### Electrical

|                       |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------------------------------------|
| Contact resistance    | $\leq 10 \text{ m}\Omega$                                                                           |
| Dielectric strength   | 1.5 kVdc                                                                                            |
| Insulation resistance | $> 10 \text{ G}\Omega$ (Initial)                                                                    |
| Rated voltage         | $< 50 \text{ V}$                                                                                    |
| Grounding Options     | Separate ground contact connected to mating connector shell and front panel, no connection to Pin 1 |

### Mechanical

|                    |                        |
|--------------------|------------------------|
| Insertion force    | $\leq 40 \text{ N}$    |
| Withdrawal force   | $\leq 40 \text{ N}$    |
| Lifetime           | $> 1000$ mating cycles |
| Wiring             | Vertical PCB mount     |
| Locking device     | Latch lock             |
| Mounting direction | Rear mounting          |
| Chassis shape      | B                      |
| Mounting           | A-Screw                |

**Material**

|                 |        |
|-----------------|--------|
| Contacts        | Bronze |
| Locking element | Steel  |
| Shell           | PA     |
| Flange          | Metal  |

**Environmental**

|                   |                           |
|-------------------|---------------------------|
| Solderability     | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C          |
| Flammability      | UL 94 HB                  |