

## RRX5F-Z

5 pole female XLR receptacle with D-Size Flange, solder cups and IP65 protection





## Features & Benefits

- D-shape metal shell
- Certified IP65 rating water protection when mating with related REAN IP65 connector or with rubber Cap covered
- Unique unified Rubber Cap & gasket design for providing more reliable protection functionality and an easier installation with device panel
- UL94 V-0 rated materials

## Article Variations

| Article Name    | Details                                    | Packaging          |
|-----------------|--|--------------------|
| RRX5F-Z-000-0/1 | Chrome plated housing, tin plated contacts | BULK / Plastic Bag |
| RRX5F-Z-001-0/1 | Black plated housing, tin plated contacts  | BULK / Plastic Bag |
| RRX5F-Z-002-0/1 | Black plated housing, gold plated contacts | BULK / Plastic Bag |

## Technical Information

### Product

|                        |         |
|------------------------|---------|
| <b>Title</b>           | RRX5F-Z |
| <b>Connection Type</b> | XLR     |
| <b>Gender</b>          | Female  |

### Electrical

|                                  |                                  |
|----------------------------------|----------------------------------|
| <b>Contact resistance</b>        | $\leq 5 \text{ m}\Omega$         |
| <b>Dielectric strength</b>       | 1,5 kVdc                         |
| <b>Insulation resistance</b>     | $> 10 \text{ G}\Omega$ (initial) |
| <b>Rated current per contact</b> | 7.5 A                            |
| <b>Rated voltage</b>             | $< 50 \text{ V}$                 |

### Mechanical

|                           |                     |
|---------------------------|---------------------|
| <b>Insertion force</b>    | $\leq 60 \text{ N}$ |
| <b>Withdrawal force</b>   | $\leq 60 \text{ N}$ |
| <b>Lifetime</b>           | $> 1000$ cycles     |
| <b>Wiring</b>             | Solder contacts     |
| <b>Locking device</b>     | Latch lock          |
| <b>Mounting direction</b> | Front mounting      |
| <b>Chassis shape</b>      | D                   |

### Material

|                        |                                     |
|------------------------|-------------------------------------|
| <b>Contact plating</b> | Tin (-000 & -001) / AU (-002)       |
| <b>Contacts</b>        | Brass                               |
| <b>Insert</b>          | Polyamide (UL94-V0)                 |
| <b>Locking element</b> | CK67 (spring)                       |
| <b>Shell</b>           | Zinc diecast                        |
| <b>Shell plating</b>   | Chrome (-000) / Black (-001 & -002) |

**Environmental**

|                            |  |
|----------------------------|--|
| <b>Flammability</b>        | UL94 V-0                               |
| <b>Protection class</b>    | IP65 (Mated or closed with rubber cap) |
| <b>Standard compliance</b> | IEC 61076-2-103                        |
| <b>Solderability</b>       | Complies with IEC 68-2-20              |
| <b>Temperature range</b>   | -20 °C to +70 °C                       |