

## RRX3F-Z

3 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          |
|-----------------|---|--------------------|
| RRX3F-Z-000-0/1 | Chrome plated housing and tin plated contacts | BULK / Plastic Bag |
| RRX3F-Z-001-0/1 | Black plated housing and tin plated contacts  | BULK / Plastic Bag |
| RRX3F-Z-002-0/1 | Black plated housing and gold plated contacts | BULK / Plastic Bag |

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | RRX3F-Z |
| Connection Type | XLR     |
| Gender          | Female  |

| Electrical                |                           |
|---------------------------|---------------------------|
| Contact resistance        | $\leq 5 \text{ m}\Omega$  |
| Dielectric strength       | 1,5 kVdc                  |
| Insulation resistance     | > 10 G $\Omega$ (initial) |
| Rated current per contact | 16 A                      |
| Rated voltage             | < 50 V                    |

| <b>Mechanical</b>  |                 |
|--------------------|-----------------|
| Insertion force    | ≤ 60 N          |
| Withdrawal force   | ≤ 60 N          |
| Lifetime           | > 1000 cycles   |
| Wiring             | Solder contacts |
| Locking device     | Latch lock      |
| Mounting direction | Front mounting  |
| Chassis shape      | D               |

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

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