



## RRX3MF-Z-012

XLR 3 pole female and male combination receptacle

IP65 rating to optimally protect your device or equipment from water ingress.

Airtight feature protect your device from Air ingress

### Features & Benefits

- The XLR system for harsh and demanding environment
- IP65 protection when mating with REAN Z series XLR connector or rubber cap closed
- UL94 V-0 rated materials
- Airtight protection suitable for stage lighting application
- Advanced and Reliable Airtight design structure
- Rugged diecast shell with fashionable black plating

### Article Variations

| Article Name     | Details                                    | Packaging          |
|------------------|--|--------------------|
| RRX3MF-Z-012-0/1 | Black plated housing, gold plated contacts | BULK / Plastic Bag |

## Technical Information

### Product

|                        |                |
|------------------------|----------------|
| <b>Title</b>           | RRX3MF-Z-012   |
| <b>Connection type</b> | XLR Receptacle |
| <b>Gender</b>          | Male/Female    |

### Electrical

|                                  |          |
|----------------------------------|----------|
| <b>Contact resistance</b>        | <5 mΩ    |
| <b>Dielectric strength</b>       | 1.5 kVdc |
| <b>Insulation resistance</b>     | > 5 GΩ   |
| <b>Rated current per contact</b> | 16 A     |
| <b>Rated voltage</b>             | < 50 V   |

### Mechanical

|                                       |                      |
|---------------------------------------|----------------------|
| <b>Insertion force</b>                | ≤ 40 N               |
| <b>Withdrawal force</b>               | ≤ 40 N               |
| <b>Lifetime</b>                       | > 1000 mating cycles |
| <b>Locking device</b>                 | Latch lock           |
| <b>Mounting</b>                       | Front                |
| <b>Chassis shape and Panel cutout</b> | See drawing          |
| <b>Wiring</b>                         | vertical PCB mount   |

## Material

|                        |               |
|------------------------|---------------|
| <b>Contact plating</b> | Gold plating  |
| <b>Contacts</b>        | Bronze        |
| <b>Shell</b>           | Zinc          |
| <b>Insert</b>          | PA66          |
| <b>Shell plating</b>   | Black plating |

## Environmental

|                          |                   |
|--------------------------|-------------------|
| <b>Flammability</b>      | UL94 V-0          |
| <b>Protection class</b>  | IP65 and Airtight |
| <b>Temperature range</b> | -30 °C to +80 °C  |