

## 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

<b>Title</b>	RRX3F-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>	16 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>	Bronze
<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