

## 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	$> 10 \text{ G}\Omega$ (initial)
Rated current per contact	16 A
Rated voltage	$< 50 \text{ V}$

<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