

## 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

<b>Material</b>	
<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)

<b>Environmental</b>	
<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

# Mouser Electronics

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