

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	$< 50 \text{ V}$

Mechanical

Insertion force	$\leq 60 \text{ N}$
Withdrawal force	$\leq 60 \text{ N}$
Lifetime	> 1000 cycles
Wiring	Solder contacts
Locking device	Latch lock
Mounting direction	Front mounting
Chassis shape	D

Material

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)

Environmental

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