

RCJ10FA

3 pole XLR female receptacle with 1/4" switching stereo jack and switching ground contact



Article Variations

Article Name	Details	Packaging
RCJ10FA-H	Horizontal PCB contacts, locking latch	BULK
RCJ10FA-H-0	Horizontal PCB contacts, retention spring	BULK
RCJ10FA-V	Vertical PCB contacts, locking latch	BULK
RCJ10FA-V-0	Vertical PCB contacts, retention spring	BULK

Technical Information

Product

Title	RCJ10FA
Connection Type	XLR/Jacks Combo

Electrical

Contact resistance - XLR	$\leq 15 \text{ m}\Omega$
Contact resistance - 1/4" Jack	$\leq 25 \text{ m}\Omega$
Dielectric strength	1500 V dc
Insulation resistance - initial	$\geq 0.5 \text{ G}\Omega$
Insulation resistance -after damp heat	$\geq 0.2 \text{ G}\Omega$
Rated current per Contact - XLR	3 A
Rated current per Contact - 1/4" Jack	3 A
Rated voltage	50 V ac

Mechanical

Lifetime	> 1'000 mating cycles
Insertion force	$\leq 20 \text{ N}$
Withdrawal force	$\leq 20 \text{ N}$
Panel thickness	max. 3 mm (0.12")
Wiring	PCB mount
Locking device	Latch lock
Mounting direction	Rear mounting
Mounting screw	Self-tapping Plastite® screw with thread 2.9 x 1.06 and tri-rondular configuration

Material

Shell	PA 6.6 30% GR
Contacts	CuSn6
Contact plating - XLR	Au / Ag (G, TN, RN, SN)
Contact plating - 1/4" Jack	Au (TRS)
Locking latch	CK 65Mn steel

Environmental

Flammability	UL 94 V-0
Operating temperature	-20°C to +70°C
Solderability	complies with IEC68-2-20
Environmental	complies with EU RoHS 2 and REACH

Mouser Electronics

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