

## 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

<b>Title</b>	RCJ10FA
<b>Connection Type</b>	XLR/Jacks Combo

### Electrical

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

### Mechanical

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

### Material

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

**Environmental**

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