



MCX-J-P-H-RA-SM1



MCX-J-P-H-ST-SM1



MCX-J-P-H-ST-EM1



MCX-J-P-H-RA-TH1



MCX-J-P-H-ST-TH1



MCX-P-P-H-ST-TH2

MCX SERIES

50 Ω MCX MINI JACKS & PLUGS

Mates with:

RF174, RF316, RF178, RS316, GRF1H-C

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MCX-TH, www.samtec.com?MCX-SM, www.samtec.com?MCX-EM or www.samtec.com?MCX-MT

Insulator Material: PTFE

Contact Material: BeCu, Brass (-P-TH)

Shell Material: Brass

Operating Temp Range: -65 °C to +125 °C

Impedance: 50 Ω

Dielectric Withstanding Voltage: 1000 Vrms min, 50 Hz

Dielectric Working Voltage: 335 Vrms max

Frequency Range: 0-6 GHz

RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable: Yes

MCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-P = PCB Mount	-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact	-RA = Right-angle -ST = Straight	-TH1 = Through-hole -SM1 = Surface Mount -EM1 = Edge Mount (-ST only) -MT1 = Mixed Technology (-ST only)

MCX	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug	-P = PCB Mount	-H = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact	-RA = Right-angle -ST = Straight	-TH1 = Through-hole (-RA only) -TH2 = Elevated Through-hole (-ST only)

Note: 75 Ω version available. See MCX7 Series.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.