

MMCXV-J-C-HF-ST-CA1



MMCXV-P-C-GF-ST-CA1



MMCXV-J-P-GF-ST-TH1



MMCXV-P-C-HF-RA-CA1



MMCXV SERIES

50 Ω HIGH VIBRATION MMCX

Mates with:
RF174, RF316

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MMCXV-EM, www.samtec.com?MMCXV-TH

Contact Material:

BeCu

Insulator Material:

PTFE

Pin and Shell Material:

Brass

Operating Temp Range:

-65 °C to +125 °C

Contact Resistance:

Center: 5 mΩ

Outer: 2.5 mΩ

Impedance:

50 Ω

Dielectric Withstanding Voltage:

500 Vrms, 50 Hz

Dielectric Working Voltage:

170 Vrms, 50 Hz

V.S.W.R.:

1.3 max

Frequency Range:

0~6 GHz

RoHS Compliant:

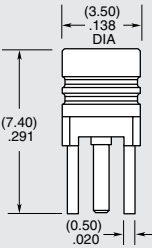
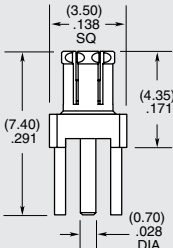
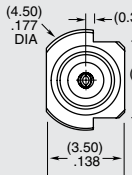
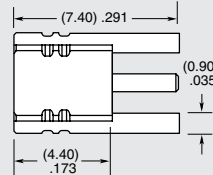
Yes

Processing:

Lead-Free Solderable:

Yes

Note: The MMCX and MMCXV connectors are not inter-mateable.

MMCXV	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack -P = Plug	-P = PCB Mount	-HF = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact -GF = 10 μ" (0.25 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact	-ST = Straight	-TH1 = Through-hole -EM1 = Edge Mount (-J only)
	  -J-TH1	  -P-TH1		  -J-EM1	

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?MMCXV-CA

Shell Material:

Brass

Insulator Material:

PTFE

Lead, Contact Socket and Outer Conductor Material:

BeCu with Au plating

Center Contact:

Soldered

Outer Ferrule:

Crimped

Operating Temp Range:

-65 °C to +125 °C

Contact Resistance:

Center: 5 mΩ

Outer: 2.5 mΩ

Impedance:

50 Ω

Dielectric Withstanding Voltage:

500 Vrms, 50 Hz

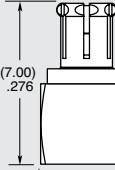
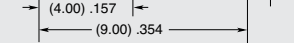
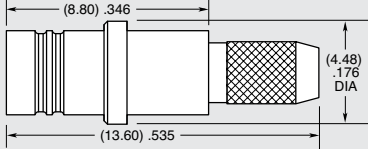
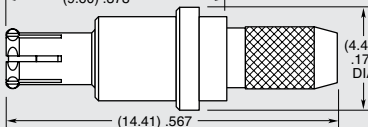
170 Vrms, 50 Hz

Frequency Range:

0~6 GHz

(Cable dependent)

Note: The MMCX and MMCXV connectors are not inter-mateable.

MMCXV	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	PACKAGING
	-J = Jack -P = Plug	-C = Cable	-HF = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact -GF = 10 μ" (0.25 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact	-RA = Right Angle (-P only) -ST = Straight	-CA1 = RG 174/316 Cable	Leave blank for individually bagged. -B = Bulk Packaging
	  -P-RA			  -J-ST   -P-ST		

Supplied with pins and ferrules. See website for dimensions.