

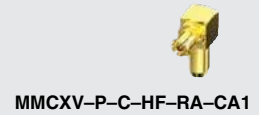


MMCXV-J-C-HF-ST-CA1

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](http://www.samtec.com?MMCXV-EM), [www.samtec.com?MMCXV-TH](http://www.samtec.com?MMCXV-TH)

**Contact Material:** BeCu  
**Insulator Material:** PTFE  
**Pin and Shell Material:** Brass

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

**Insulation Resistance:** 1000 MΩ min

**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

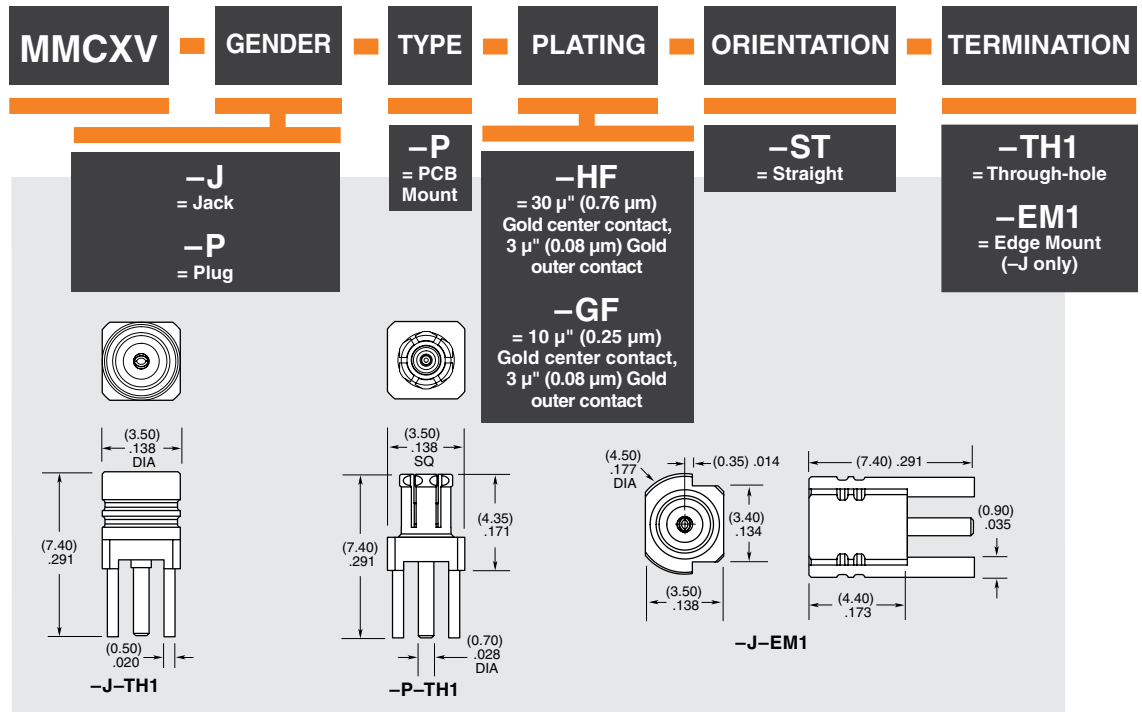
**Frequency Range:** 0-6 GHz

**RoHS Compliant:** Yes

### Processing:

**Lead-Free Solderable:** Yes

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



## SPECIFICATIONS

For complete specifications and assembly instructions see [www.samtec.com?MMCXV-CA](http://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

**Insulation Resistance:** 1000 MΩ min

**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

**Frequency Range:** 0-6 GHz  
(Cable dependent)

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

