



**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

**Contact Resistance:** Center: 5 mΩ  
Outer: 2.5 mΩ

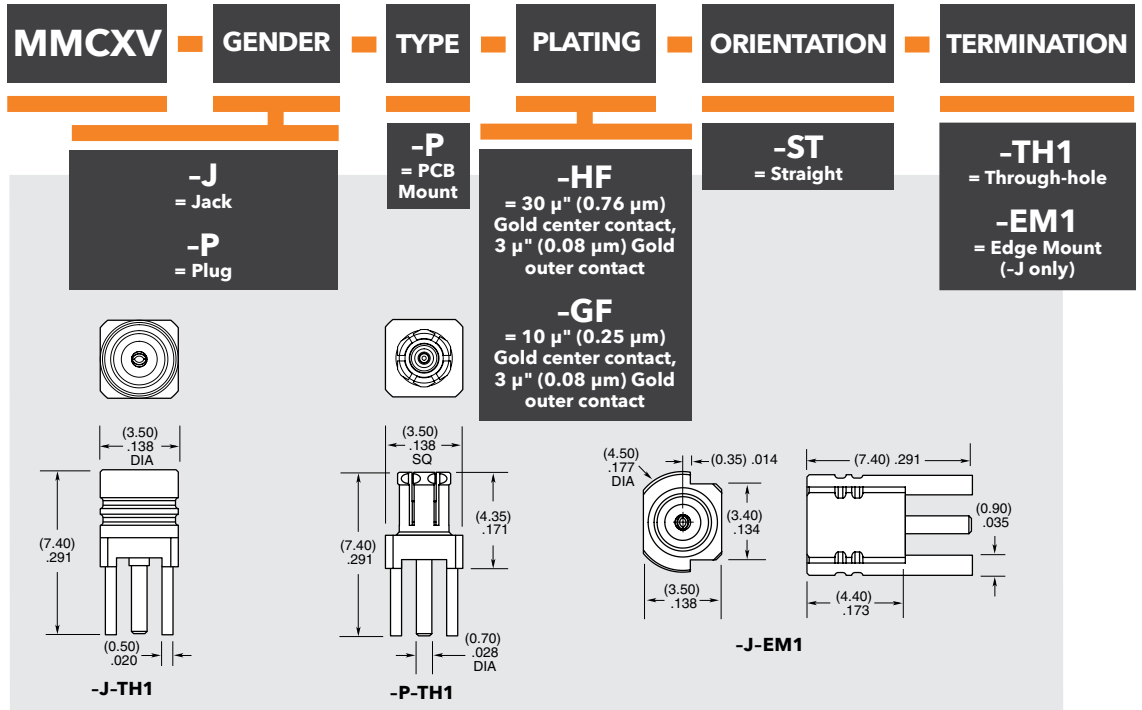
**Impedance:** 50 Ω  
**Dielectric Withstanding Voltage:** 500 Vrms, 50 Hz  
**Dielectric Working Voltage:** 170 Vrms, 50 Hz

**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

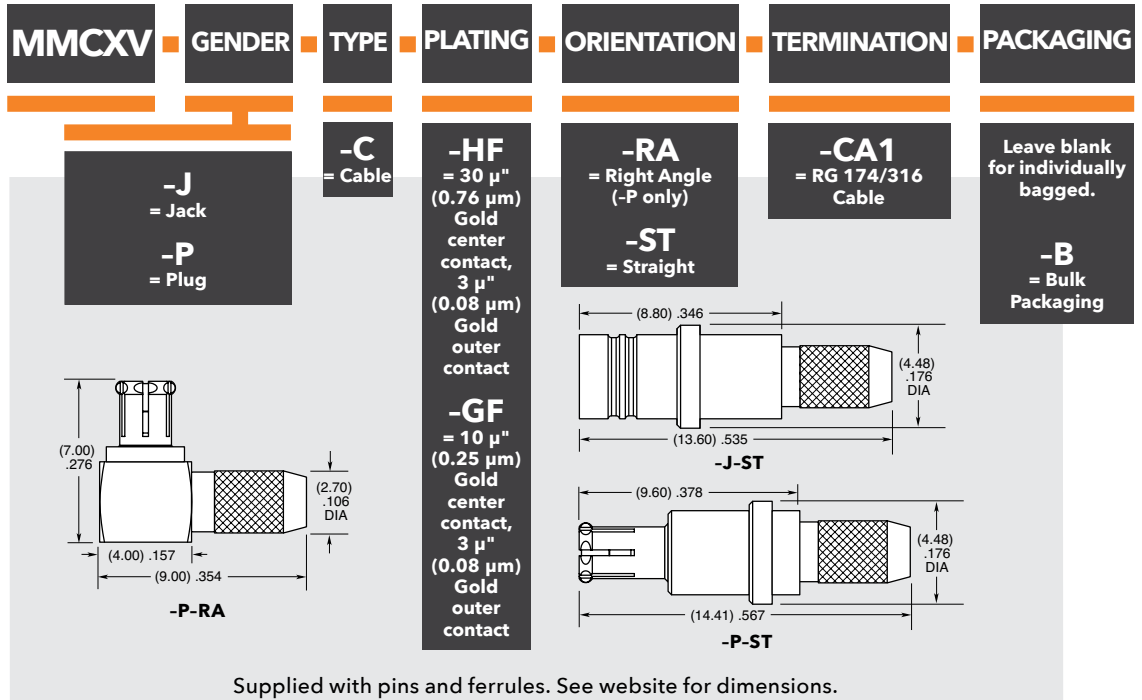
**Operating Temp Range:** -65 °C to +125 °C

**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.



Supplied with pins and ferrules. See website for dimensions.