

## MMCX SERIES

# 50Ω MMCX MICRO-MINI JACKS & PLUGS

## Mates with:

RF174, RF316, RF178, GRF1H-C

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MMCX-EM](http://www.samtec.com?MMCX-EM), [www.samtec.com?MMCX-MT](http://www.samtec.com?MMCX-MT), [www.samtec.com?MMCX-SM](http://www.samtec.com?MMCX-SM) or [www.samtec.com?MMCX-TH](http://www.samtec.com?MMCX-TH)

## Contact Material:

BeCu

## Insulator Material:

PTFE

## Pin and Shell Material:

Brass

## Operating Temp Range:

-65°C to +125°C

## Insulation Resistance:

1000MΩ min

## Contact Resistance:

Center: 5mΩ

Outer: 2.5mΩ

## Impedance:

50Ω

## Dielectric Withstanding Voltage:

500 Vrms, 50Hz

## Dielectric Working Voltage:

170 Vrms, 50Hz

## V.S.W.R.:

1.3 max (-EM, -ST-SM1)

1.5 max (-RA-SM1)

## Frequency Range:

0-6 GHz

## RoHS Compliant:

Yes

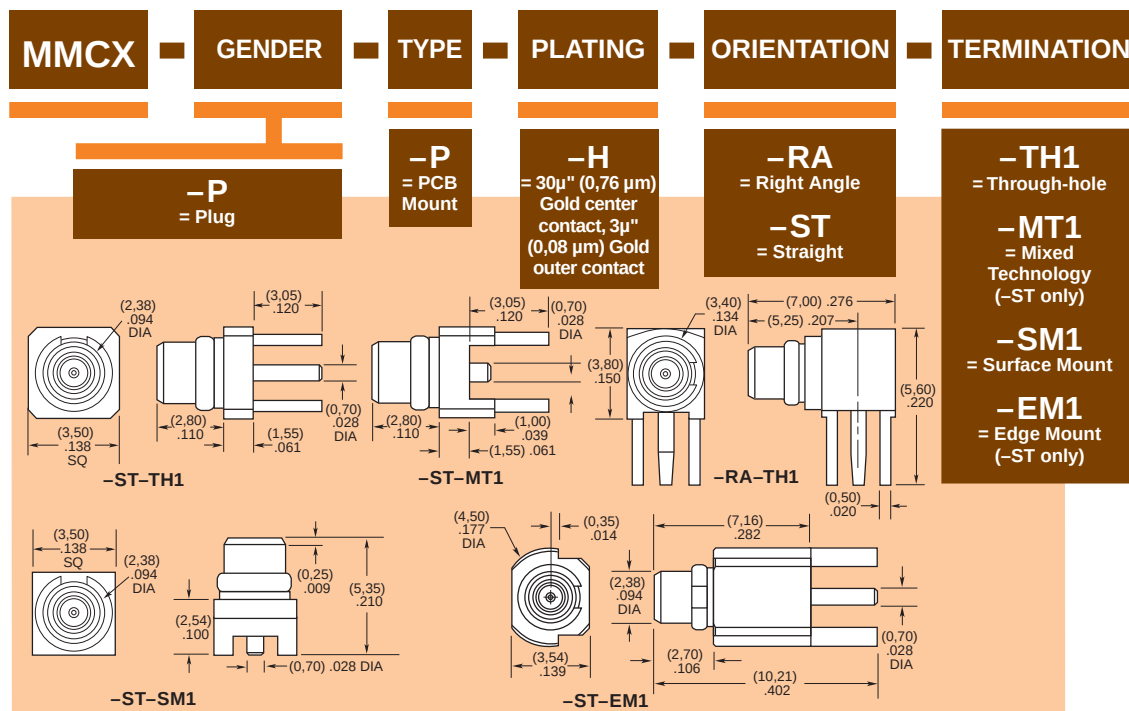
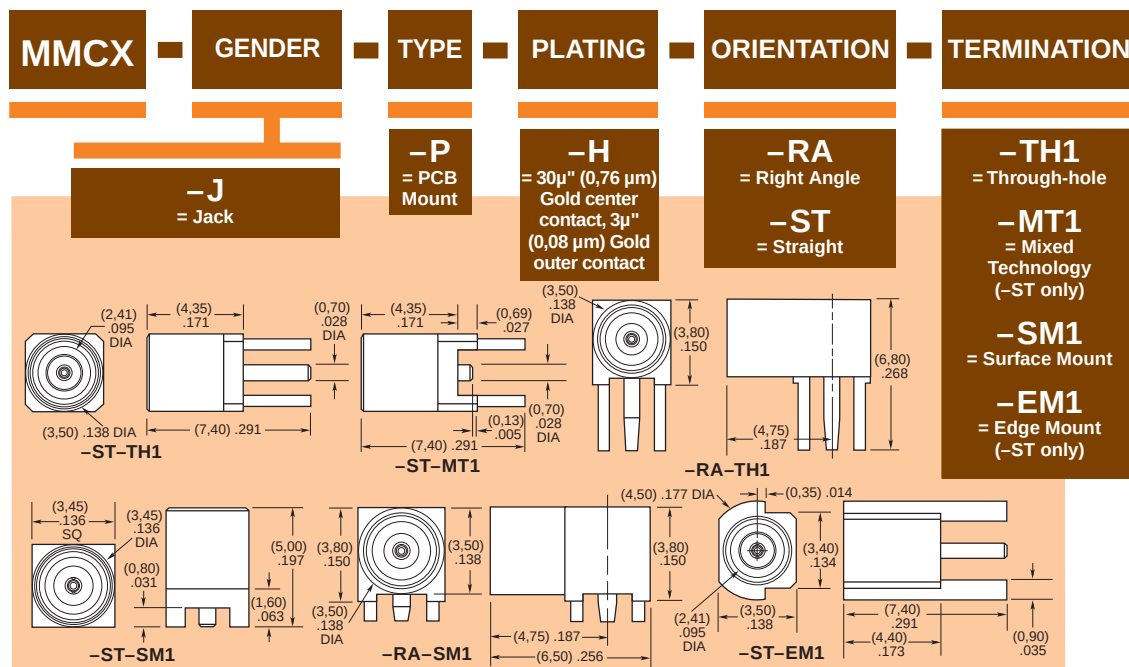
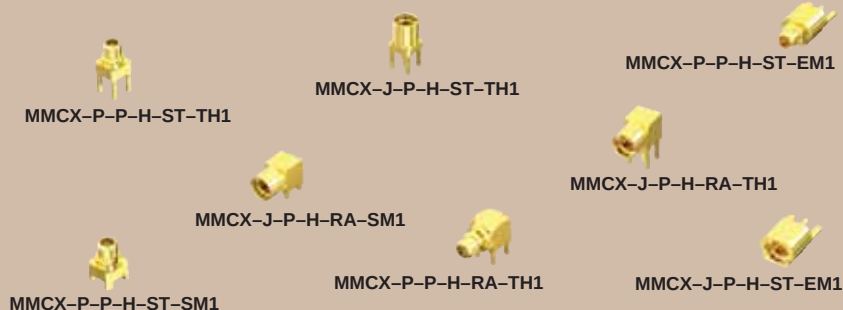
## Processing:

Lead-Free Solderable

Yes

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

**Note:** 75Ω version available. See MMCX7 Series.



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

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