

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, www.samtec.com?MMCX-MT, www.samtec.com?MMCX-SM or 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)

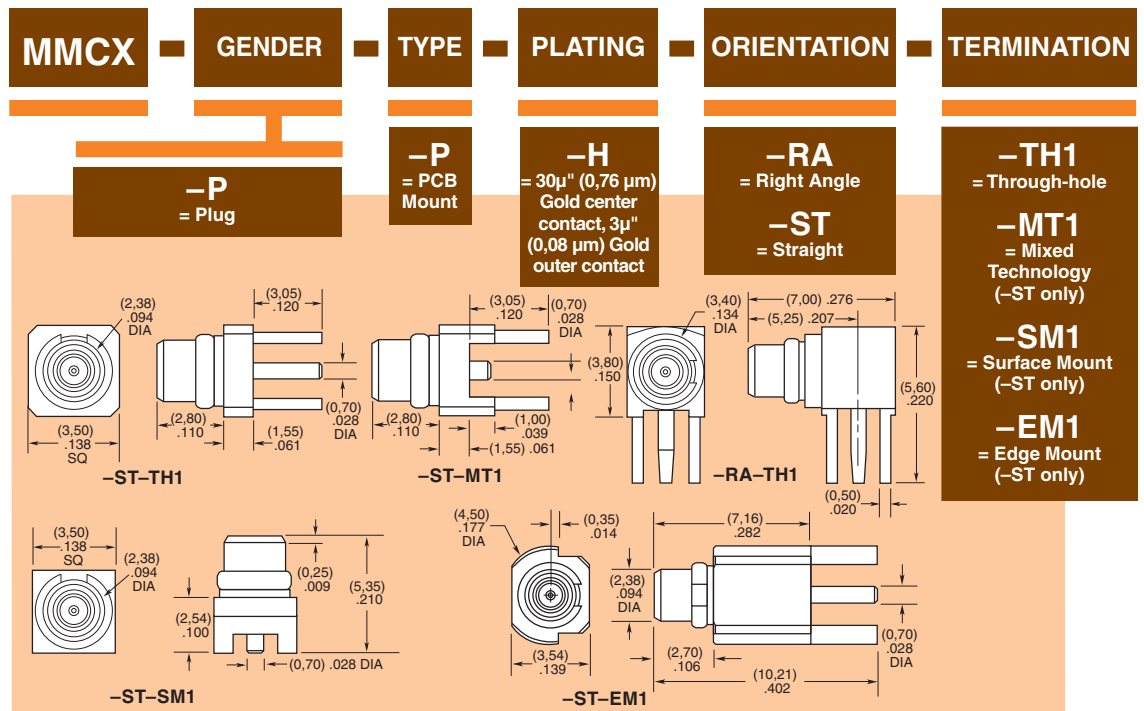
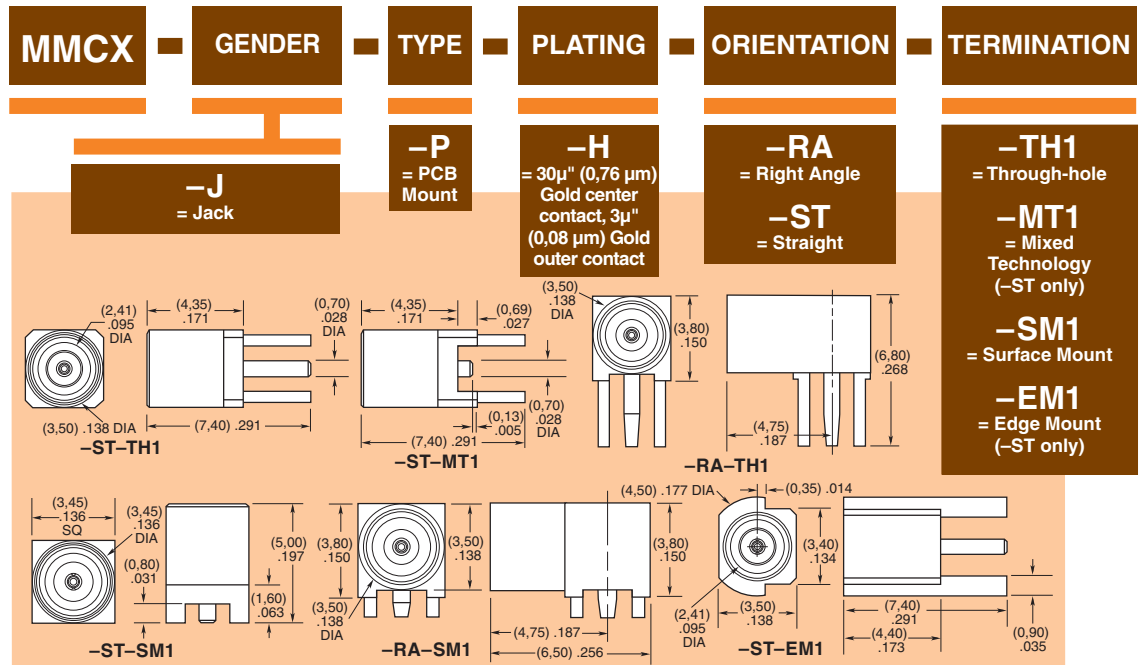
Frequency Range:
0-6 GHz

RoHS Compliant:
Yes

Processing:
Lead-Free Solderable

Yes

Processing:
Lead-Free Solderable
Yes



Note: Random vibration and Resonant Search test reports available online.

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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