













MMCX-P-P-H-RA-TH1



50Ω MMCX MICRO-MINI JACKS & PLUGS

MMCX-P-P-H-ST-SM1

Mates with:

RF174, RF316, RF178, RS316, 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:

Insulator Material:

Pin and Shell Material:

Brass

Operating Temp Range: -65°C to +125°C Insulation Resistance:

1000M Ω min

Contact Resistance: Center: 5mQ

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:

Processing:

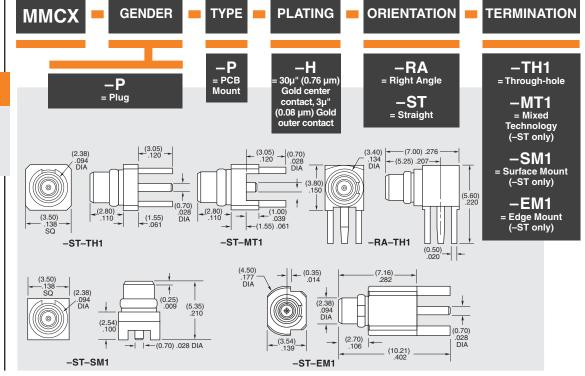
Lead-Free Solderable

OTHER SOLUTIONS

 High Vibration jacks and plugs. These connectors are not changeable with the MMCX.

Contact Samtec.

MMCX TYPE GENDER PLATING ORIENTATION **TERMINATION** -Р _Н -RA _TH1 30μ" (0.76 μm) = PCB = Right Angle = Through-hole _J Gold center Mount = Jack contact, 3µ" –ST -MT1 (0,08 µm) Gold = Straight = Mixed outer contact Technology (-ST only) .138 DIA .028 DIA -SM1 .095 DIA 0 (6.80) .268 = Surface Mount -EM1 (0.13) = Edge Mount (-ST only) (7.40) .291 DIA (7.40) .291 -ST-TH1 -ST-MT1 -RA-TH1 (4.50) .177 DIA I → (0.35) .014 (3.45 .136 / DIA (5.00) (3.80) .197 .150 (3.80) • (0.80) 0 (1.60) _ (7.40) .291 .(4.40)__ .173 (3.50) .138 DIA Ш (2.41)-(4.75) .187-.095 DIA (0.90) .035 -RA-SM1 -ST-EM1 -ST-SM1 -(6.50) .256



Notes:

Random vibration and Resonant Search test reports available online.

75 Ω version available See MMCX7 Series.