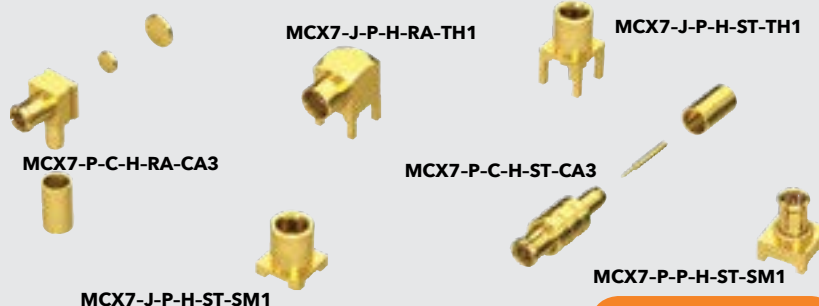




MCX7 SERIES

75 Ω OPTIMIZED MCX JACKS & PLUGS

Mates with:

RF179, GRF7H-C

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MCX7-SM or www.samtec.com?MCX7-TH

Shell Material: Brass**Contact Material:** BeCu**Insulator Material:** PTFE**Impedance:**

ST = 75 Ω ±3 Ω

RA = 75 Ω ±4 Ω

Frequency Range:

0~6 GHz

Working Voltage:

170 Vrms max

Dielectric Withstanding:

500 Vrms min

Engagement Force:

4.5 lbs max (-ST only)

Disengagement Force:

2.3 lbs max (-ST only)

Operating Temperature:

-65 °C to +125 °C

RoHS Compliant:

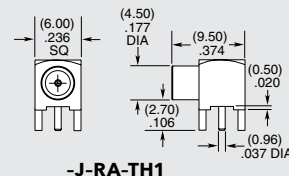
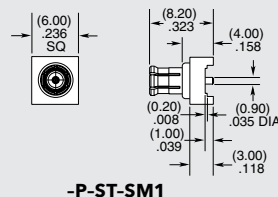
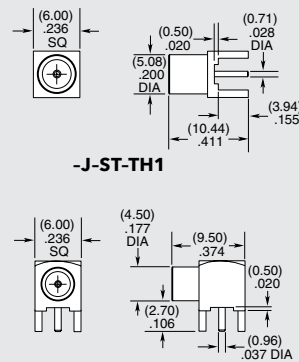
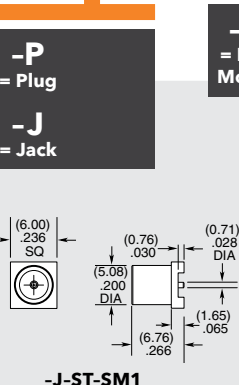
Yes

PROCESSING

Lead-Free Solderable:

Yes

MCX7 — GENDER — TYPE — PLATING — ORIENTATION — TERMINATION



SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?MCX7-CA

Contact Material: Brass**Finger Shell Material:** BeCu**Body Material:** Brass**Insulator Material:** PTFE**Center Contact:** Soldered**Outer Ferrule:** Crimped**Impedance:** 75 Ω**Frequency Range:**

0~6 GHz (-ST)

0~4.5 GHz (-RA)

Working Voltage:

170 Vrms max

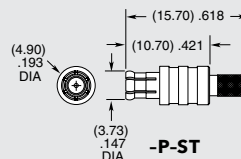
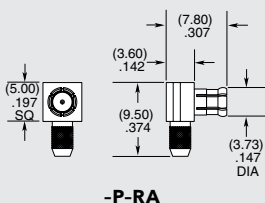
Dielectric Withstanding:

500 Vrms min

Operating Temperature:

-65 °C to +125 °C

MCX7 — GENDER — TYPE — PLATING — ORIENTATION — TERMINATION — PACKAGING



Supplied with pins and ferrules. See website for dimensions.