



MMCX7-J-P-GF-RA-TH1



MMCX7-J-P-GF-ST-TH1



MMCX7-P-P-GF-ST-TH1

MMCX7 SERIES

75Ω MICRO-MINI SYSTEMS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?MMCX7-TH

- Shell Material:**
Brass
- Insulator Material:**
PTFE
- Contact Material:**
BeCu
- Pin Material:**
Brass
- Operating Temp Range:**
-65°C to +125°C
- Insulation Resistance:**
600 MΩ min
- Contact Resistance:**
Center: Testing Now!
Outer: 25 mΩ
- Impedance:**
75Ω
- Dielectric Withstanding Voltage:**
500 Vrms, 50 Hz
- Dielectric Working Voltage:**
170 Vrms, 50 Hz
- Frequency Range:**
0-6 GHz
- RoHS Compliant:**
Yes
- Processing:**
Lead-Free Solderable:
Yes

MMCX7

Mates with:
MMCX7-P, RF179,
GRF7H-C

GENDER

-J
= Jack

TYPE

-P
= PCB Mount

PLATING

-GF
= 10μ" (0.25 μm) Gold center contact,
3μ" (0.08 μm) Gold outer contact

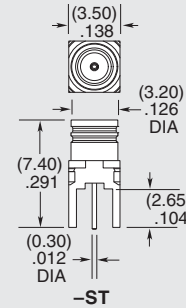
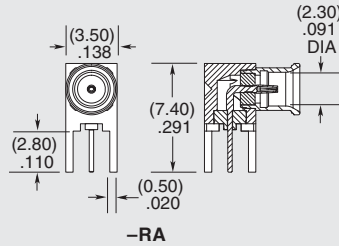
ORIENTATION

-RA
= Right Angle

-ST
= Straight

TERMINATION

-TH1
= Through-hole



OTHER SOLUTIONS

- 75Ω Cable Components available
- Contact Samtec.

MMCX7

Mates with:
MMCX7-J, RF179,
GRF7H-C

GENDER

-P
= Plug

TYPE

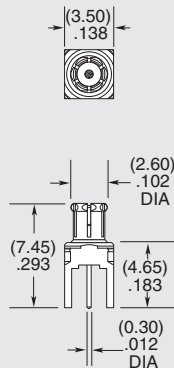
-P
= PCB Mount

PLATING

-GF
= 10μ" (0.25 μm) Gold center contact,
3μ" (0.08 μm) Gold outer contact

ST

TH1



Note:
Designed to meet SMPTE 424M 3G-SDI specifications.