

SMA-J-P-H-RA-TH1



50Ω SMA JACKS

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SMA-TH, www.samtec.com?SMA-SM, www.samtec.com?SMA-EM, www.samtec.com?SMA-MT or www.samtec.com?SMA-PN

Contact Material:

BeCu

Shell Material:

Brass

Insulator Material:

PTFE (-PN)

Operating Temp Range:

-65°C to +125°C

Contact Resistance:

Center Contact: 6mΩ max

Outer Contact: 2mΩ max

Insulator Resistance:

5,000 MΩ

Impedance:

50Ω

Dielectric Withstanding Voltage:

1,000 Vrms

Frequency Range:

0-20 GHz

(Cable dependent)

Working Voltage:

335V

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

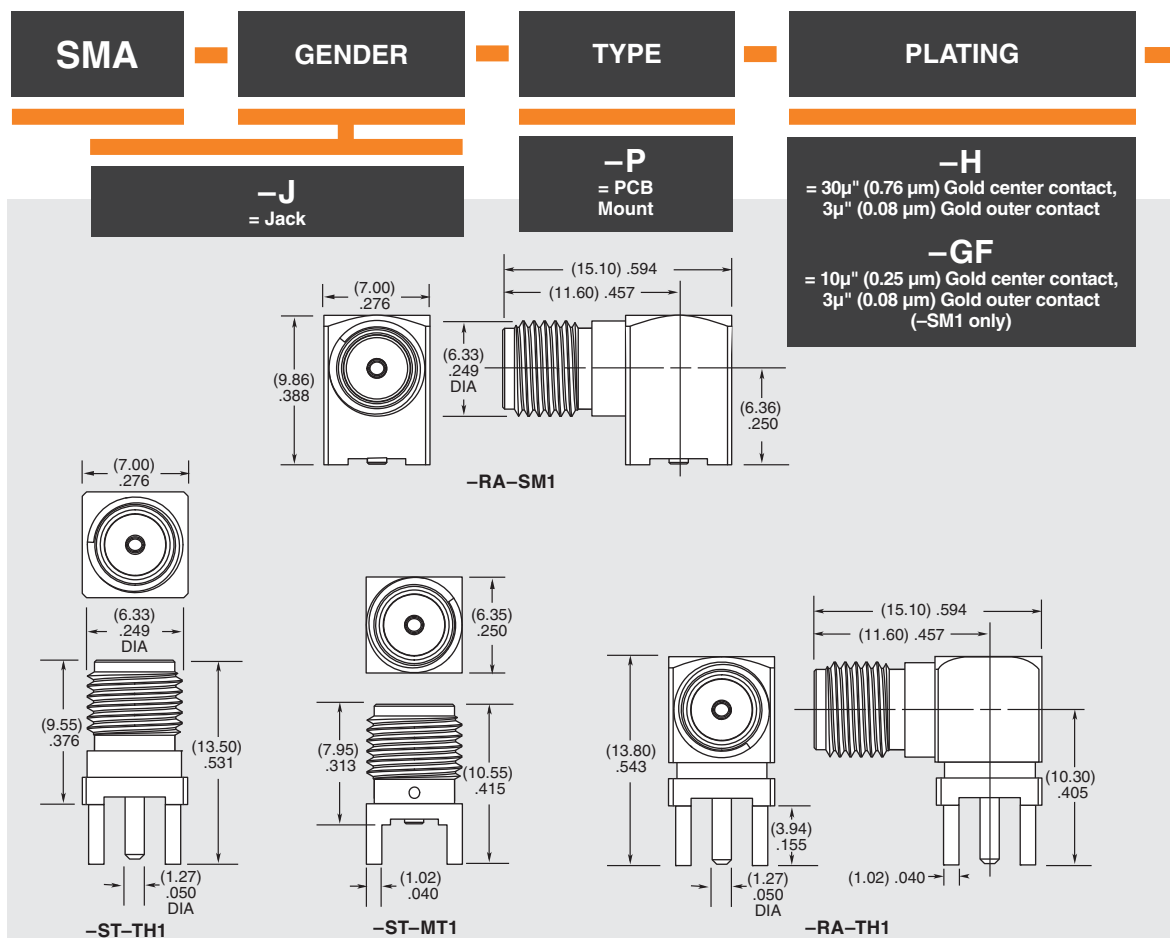
Yes

Mates with:

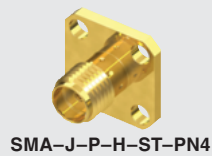
RF174, RF316, RF058,
RF405, RF402, RS316,
GRF1H-C, IJ5H, RF23S,
BE25S

Panel Mount, Edge Mount,
Mixed Technology, Through-Hole
or Surface Mount termination

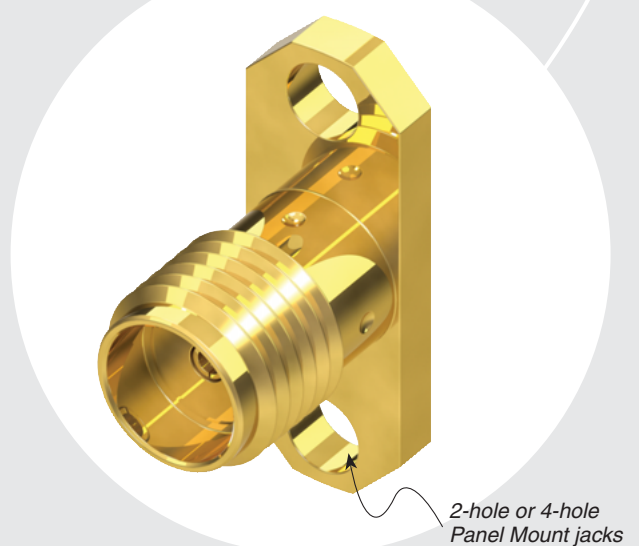
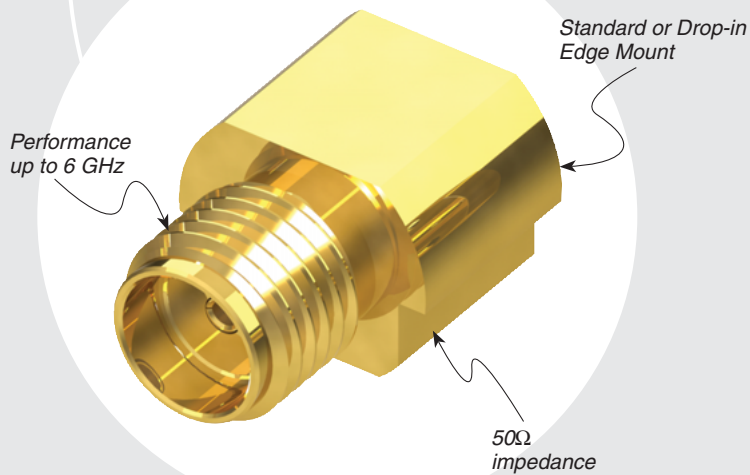
Mates with a wide
variety of cable
assemblies



Note: While optimized for 50Ω applications, this connector can also perform well in certain 75Ω applications. Contact RFGroup@samtec.com for further information.



SMA SERIES



ORIENTATION

-ST
= Straight

-RA
= Right Angle

TERMINATION

-TH1
= Through-hole

-SM1
= Surface Mount
(-GF-RA only)

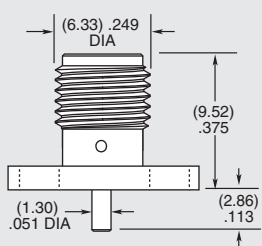
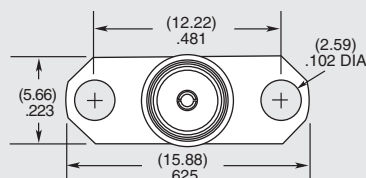
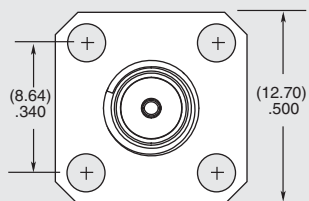
-EM1
= Edge Mount
(-ST only)

-EM3
= Drop-in Edge Mount
(-ST only)

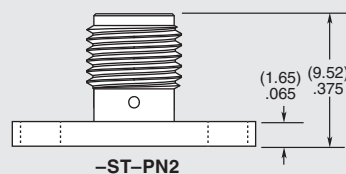
-MT1
= Mixed Technology
(-ST only)

-PN2
= 2-Hole Panel Mount
(-ST only)

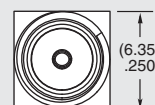
-PN4
= 4-Hole Panel Mount
(-ST only)



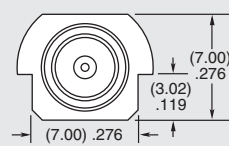
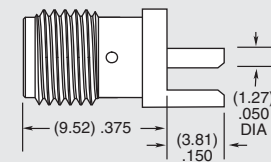
-ST-PN4



-ST-PN2



-ST-EM1



-ST-EM3

