

SMA-J-P-H-RA-TH1



50 Ω 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 or www.samtec.com?SMA-MT

Contact Material:

BeCu

Shell Material:

Brass

Insulator Material:

PTFE (-PN)

Operating Temp Range:

-65 °C to +125 °C

Impedance:

50 Ω

Dielectric Withstanding
Voltage:

1,000 Vrms

Frequency Range:

0~20 GHz

Working Voltage:

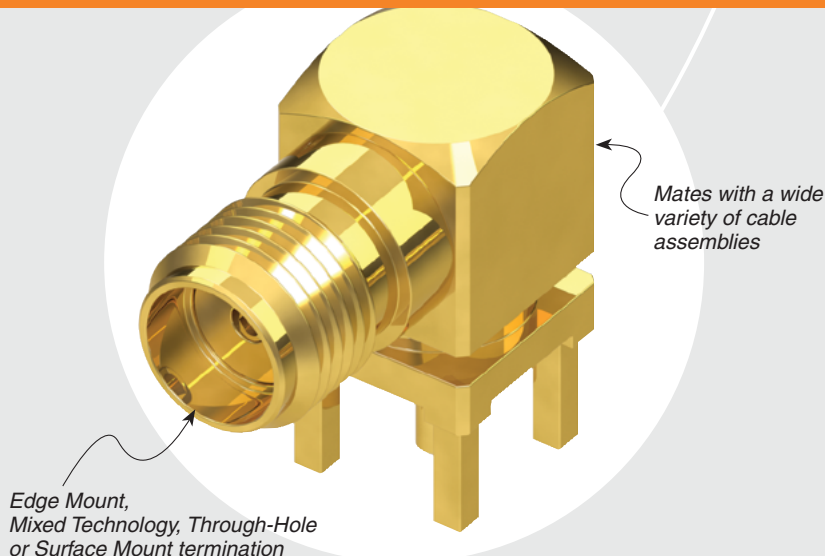
335 V

RoHS Compliant:

Yes

Mates with:

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



PROCESSING

Lead-Free Solderable:
Yes

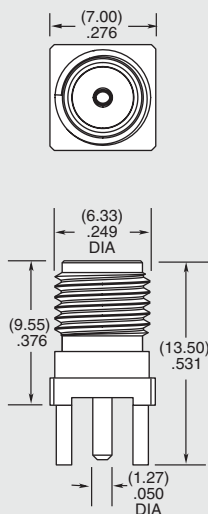
SMA

GENDER

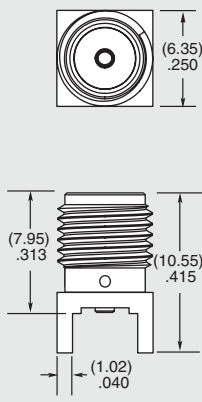
TYPE

—J
= Jack

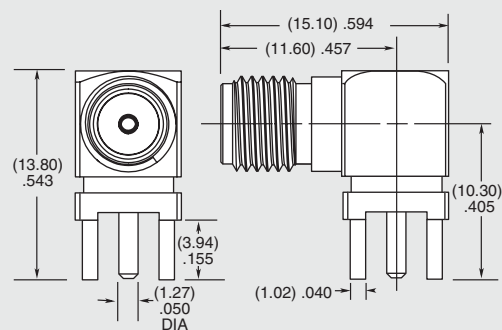
—P
= PCB Mount



-ST-TH1



-ST-MT1



-RA-TH1

Note:

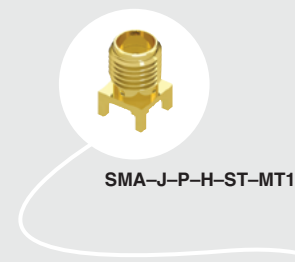
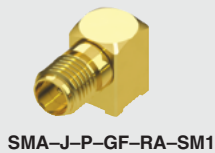
While optimized for 50 Ω applications, this connector can also perform well in certain 75 Ω applications. Contact RFGroup@samtec.com for further information.

Due to technical progress, all designs, specifications and components are subject to change without notice.

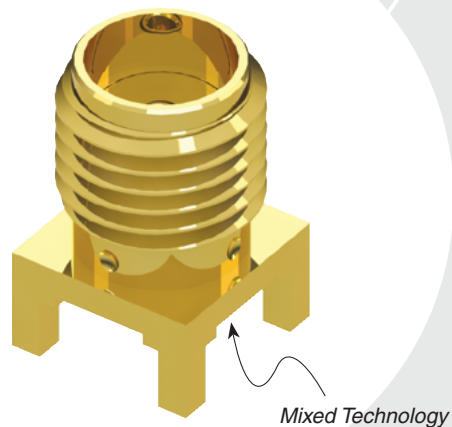
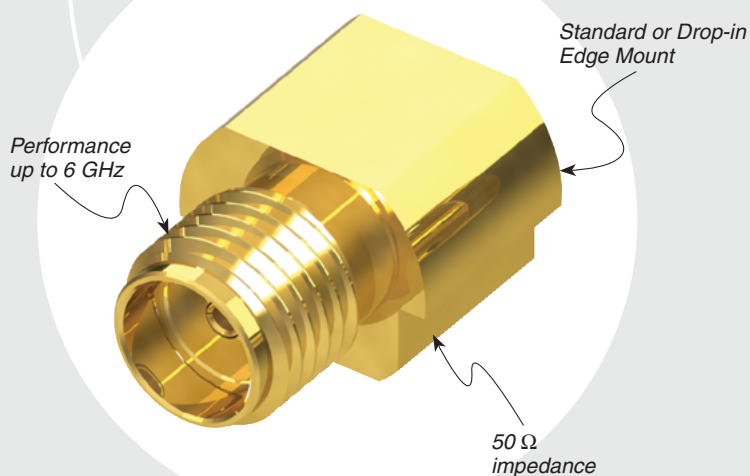
WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



SMA SERIES



PLATING

-H

= 30 μ " (0.76 μ m) Gold center contact,
3 μ " (0.08 μ m) Gold outer contact

-GF

= 10 μ " (0.25 μ m) Gold center contact,
3 μ " (0.08 μ m) Gold outer contact
(-SM1 only)

ORIENTATION

-ST

= Straight

-RA

= Right-angle

TERMINATION

-TH1

= Through-hole

-SM1

= Surface Mount
(-GF-RA only)

-EM1

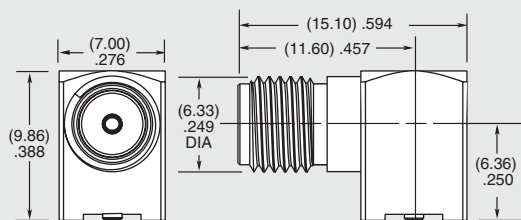
= Edge Mount
(-ST only)

-EM3

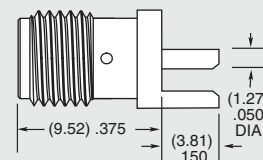
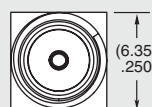
= Drop-in Edge Mount
(-ST only)

-MT1

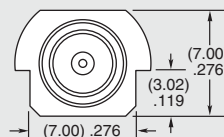
= Mixed Technology
(-ST only)



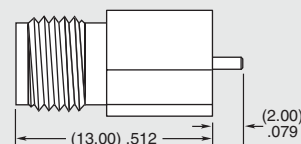
-RA-SM1



-ST-EM1



-ST-EM3



Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.