

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

(Cable dependent)

Working Voltage:

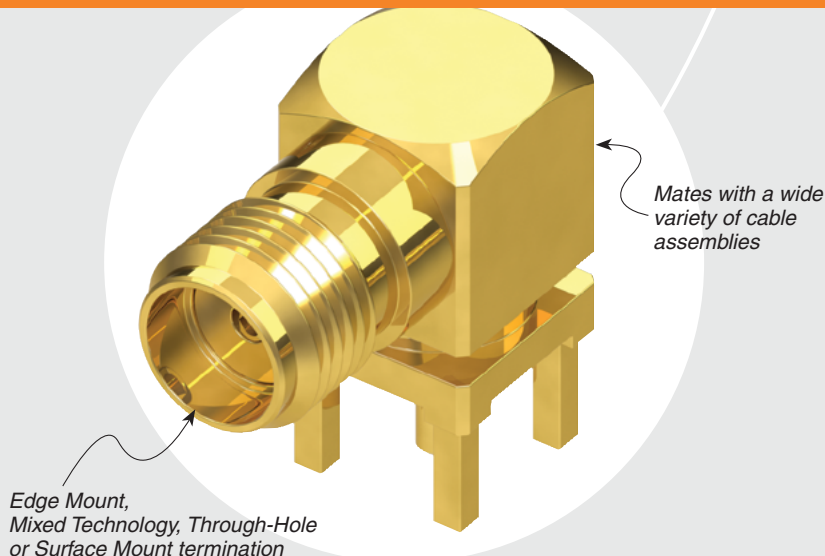
335 V

RoHS Compliant:

Yes

Mates with:

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



PROCESSING

Lead-Free Solderable:
Yes

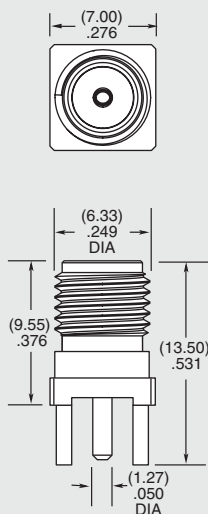
SMA

GENDER

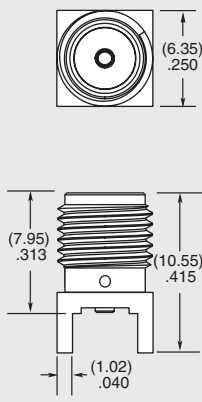
TYPE

—J
= Jack

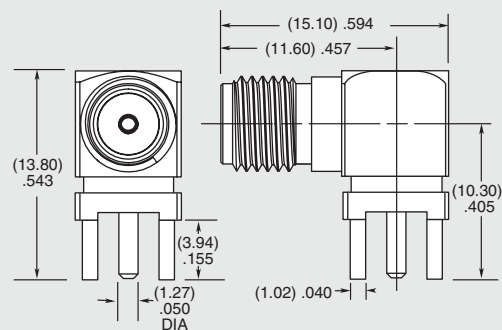
—P
= PCB Mount



-ST-TH1



-ST-MT1



-RA-TH1

Note:

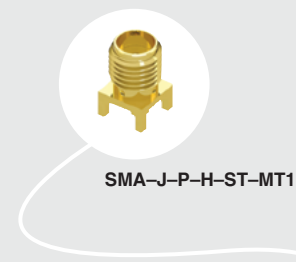
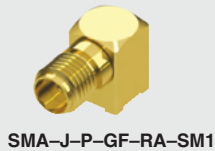
While optimized for 50 Ω applications, this connector can also perform well in certain 75 Ω applications. Contact RFGroup@samtec.com for further information.

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

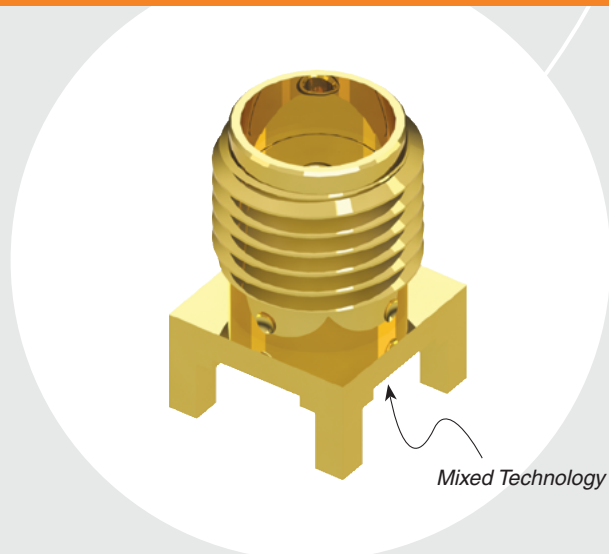
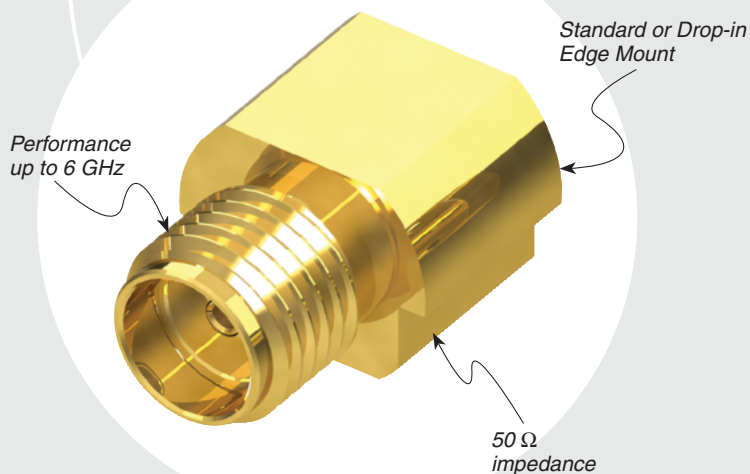
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All parts within this catalog are built to Samtec's specifications.

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

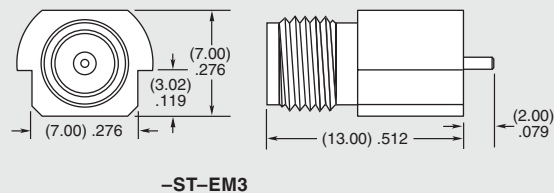
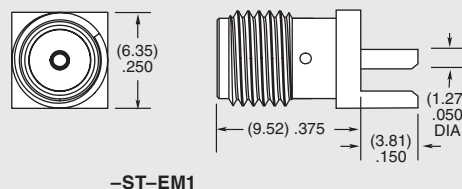
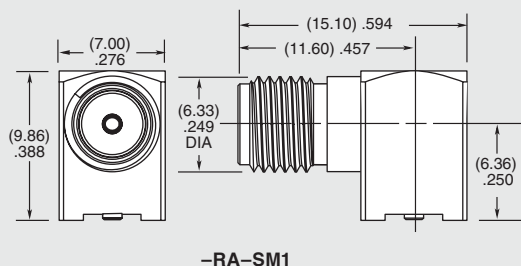
= Edge Mount
(-ST only)

-EM3

= Drop-in Edge Mount
(-ST only)

-MT1

= Mixed Technology
(-ST only)



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