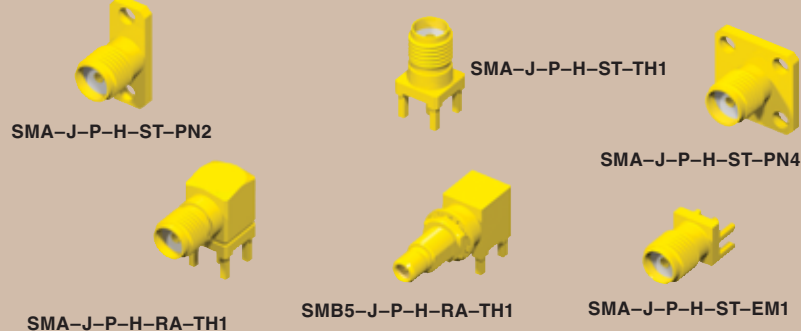




50Ω SMA & SMB JACKS SMA, SMB5 SERIES

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SMA

Contact Material:

BeCu

Shell Material:

Brass

Insulator Material:

Teflon (-PN)

Operating Temp Range:

-40°C to +90°C

Contact Resistance:

Center Contact: 6mΩ max

Outer Contact: 2mΩ max

Insulator Resistance:

5,000 MΩ

Impedance:

50Ω

Dielectric Withstanding Voltage:

500 Vrms min (-EM1 & -PN)

750 Vrms min (-TH1)

Working Voltage:

170 Vrms max

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes

SMA

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

-J

= Jack

-P

= PCB Mount

-H

= 30μ" (0,76μm) Gold

-ST

= Straight

-RA

= Right Angle

-TH1

= Through-hole

-EM1

= Edge Mount (-ST only)

-MT1

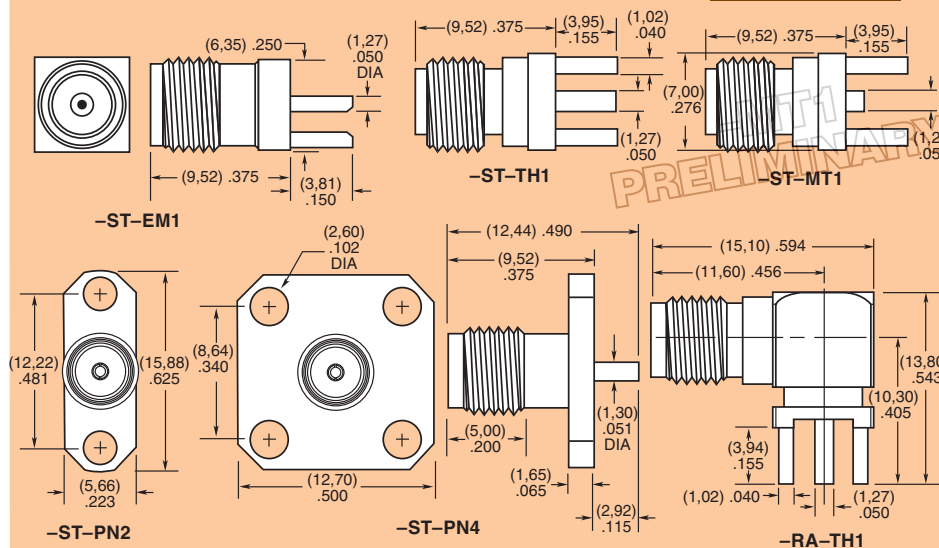
= Mixed Technology (-ST only)

-PN2

= 2-Hole Panel Mount (-ST only)

-PN4

= 4-Hole Panel Mount (-ST only)



SPECIFICATIONS

For complete specifications and recommended Cable Stripping see www.samtec.com?SMB5

Shell Material:

Brass

Contact Material:

Brass

Insulator Material:

PTFE

Impedance:

50Ω

Frequency Range:

0~4 GHz

V.S.W.R:

1.5 max

Working Voltage:

250 Vrms max

Dielectric Withstanding:

750 Vrms min

Contact Resistance:

Center Contact: 6mΩ max

Outer Contact: 2.5mΩ max

Insulator Resistance:

1000 MΩ min

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable: Yes

SMB5

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

-J

= Jack

-P

= PCB Mount

-H

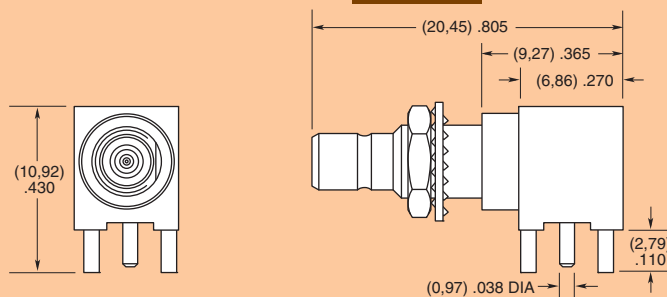
= 30μ" (0,76μm) Gold

-RA

= Right Angle

-TH1

= Through-Hole



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

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