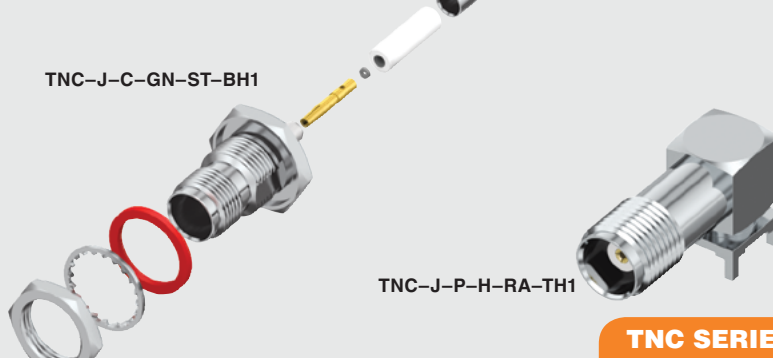


TNC-J-C-GN-ST-BH1



TNC-J-P-H-RA-TH1

TNC SERIES

50 Ω TNC JACKS & PLUGS

Mates with:

RF058, RF178, RF316,
RF174, GRF1H-C

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com/TNC-TH

Outer Contact Material:

Ni plated Brass

Center Contact Material:

Au plated Phosphor
Bronze

Insulator Material:

PTFE

Operating Temperature:

-65 °C to +125 °C

Impedance:

50 Ω

Frequency Range:

0-6 GHz

Working Voltage:

500 Vrms max

Dielectric Withstanding:

1500 Vrms min

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

TNC

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

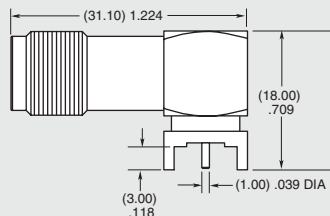
—J
= Jack

—P
= PCB
Mount

—H
= 30 μ "
(0.76 μ m)
Gold on
center
contact,
Nickel on
Shell

—RA
= Right-angle

—TH1
= Through-hole



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.

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com/TNC-CA

Shell Material:

Brass

Contact Material:

Brass (—P—ST),
Phosphor Bronze (—J)

Center Contact:

Soldered

Outer Ferrule:

Crimped

Impedance:

50 Ω

Frequency Range:

0-3 GHz (Cable dependent)

Working Voltage:

500 Vrms max

Dielectric Withstanding:

1500 Vrms min

Operating Temp Range:

-65 °C to +125 °C

**ALSO
AVAILABLE
(MOQ Required)**

- IP67 sealed option
Contact Samtec.

TNC

GENDER

TYPE

PLATING

ORIENTATION

TERMINATION

—P
= Plug

—J
= Jack

—C
= Cable

—GN
= 10 μ "
(0.25 μ m)
Gold on
contact,
Nickel on
body

—ST
= Straight

—SR
= Straight
Reverse Polarity
(—P only)

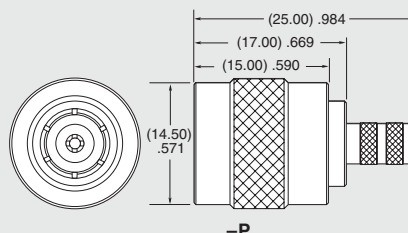
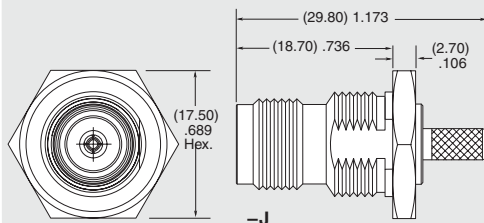
—CA1
= RG 174 / 316 Cable
(—P & —ST only)

—CA2
= RG 178 Cable
(—P & —ST only)

—C10
= RG 58 Cable
(—P & —SR only)

—BH1
= Bulkhead,
RG 174 / 316 Cable
(—J & —ST only)

—BH2
= Bulkhead,
RG 178 Cable
(—J & —ST only)



Supplied with pins, washers, nuts and ferrules. See website for dimensions.