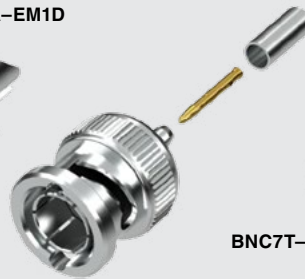




BNC7T-J-P-GN-ST-TH2D



BNC7T-P-C-GN-ST-CA3D



BNC7T-J-P-GN-RA-BH2D

75 Ω DIE CAST BNC JACKS & PLUGS

Mates with:

RF179, RFA6T,
RFB6T, GRF7H-C

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?BNC7T-TH, www.samtec.com?BNC7T-BH or www.samtec.com?BNC7T-EM

Shell Material:

Zinc

Contact Material:

Copper Alloy

Insulator Material:

PTFE

Impedance:

ST = 75 Ω ±2 Ω

RA = 75 Ω ±4 Ω

Frequency Range:

0-12 GHz

V.S.W.R.:

1.45 max

Working Voltage:

500 Vrms

Dielectric Withstanding:

1500 Vrms min

Operating Temperature:

-65 °C to +125 °C

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Note:

Contact
RFTechnicalGroup@samtec.com
for 12G-SDI PCB mount launch characteristics

Designed to meet SMPTE 2082
12G-SDI specifications

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-P = PCB Mount	-GN = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel shell	-ST = Straight -RA = Right Angle Bulkhead/ Panel Mount	-TH2D = Tall Through-hole Die Cast -BH2D = Low Profile Die Cast Bulkhead Through-hole (-RA only) -EM1D* = Edge Mount Die Cast Bulkhead/Panel Mount for (1.60 mm) .062" PCB (-ST only) -EM2D* = Edge Mount Die Cast Bulkhead/Panel Mount for (2.40 mm) .093" PCB (-ST only)

-RA-BH2

* Lock washers & knurled nuts supplied with Bulkhead/Panel Mount options

-ST-TH2D

-ST-EM1D & -ST-EM2D

TOOL

Tool for quickly installing/uninstalling knurl nut for BNC7T Series
Part Number:
TOOL-BNC7T-01

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?BNC7T-CA

Shell Material:

Brass

Contact Material:

Brass

Center Contact:

Soldered

Outer Ferrule:

Crimped

Impedance:

75 Ω

Frequency Range:

0-4 GHz

V.S.W.R.:

1.3 max

Working Voltage:

500 Vrms

Dielectric Withstanding:

1500 Vrms min

Insulator Resistance:

5,000 MΩ min

Operating Temperature:

-65 °C to +125 °C

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug	-C = Cable	-GN = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel shell	-ST = Straight	-CA3D = RG 179 Cable Die Cast -CA6D = RG 6 or Belden 1694A Cable Die Cast

-CA3D SHOWN

-CA6D SHOWN

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

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