





# 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, www.samtec.com?BNC7T-BM or www.samtec.com?BNC7T-EM

Shell Material: Zinc Contact Material: Copper Alloy
Insulator Material: PTFE
Impedance: ST = 75  $\Omega$  ±2  $\Omega$ RA = 75  $\Omega$  ±4  $\Omega$ 

Frequency Range: 0~12 GHz Working Voltage: 500 Vrms Dielectric Withstanding: 1500 Vrms min Operating Temperature: -65 °C to +125 °C RoHS Compliant: Yes Lead-Free Solderable: Yes

#### TOOL

Tool for quickly installing/uninstalling knurl nut for BNC7T Series

Part Number: TOOL-BNC7T-01

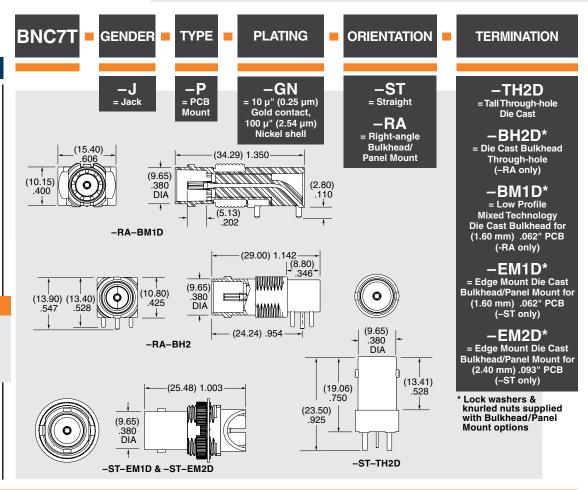
# Notes:

12G-SDI available for PCB mounts only.

# Contact

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

Designed to meet SMPTE 2082 12G-SDI specifications.



**PLATING** 

**TERMINATION** 

-CA3D = RG 179 Cable

Die Cast

-CA6D

= RG 6 or Belden 1694A Cable

Die Cast

**ORIENTATION** 

-ST

= Straight

(6.85)

.270 DIA

# **SPECIFICATIONS**

BNC7T

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

Contact Material:

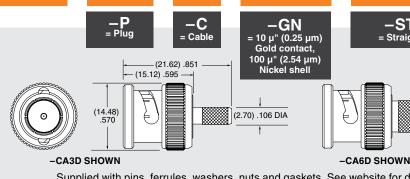
**Brass** Center Contact:

Soldered Outer Ferrule: Crimped Impedance:

Working Voltage: 500 Vrms

**Dielectric Withstanding:** 

1500 Vrms min
Operating Temperature:
-65 °C to +125 °C



**TYPE** 

**GENDER** 

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.

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