

## 75 Ω BNC TO 12 GHz

BNC  
Cable AssembliesRFC6T, RFA6T,  
RFB6T, RF179

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RFC6T*</b> = 12G-SDI, Belden 4694R Cable	<b>-74SP3</b> = 75 Ω BNC Straight Plug		<b>—"XXXX"</b> = Overall Length in millimeters
<b>RFA6T</b> = RG 6 Cable	<b>-D4SP3</b> = 75 Ω BNC Die Cast Straight Plug (RFA6T, RFB6T, RF179 only)		-0300 (300 mm) 11.81" minimum (RFA6T, RFB6T, RFC6T)
<b>RFB6T</b> = Belden 1694A Cable	<b>-74BJ3</b> = 75 Ω BNC Bulkhead Jack (RF179 only)		-0100 (100 mm) 3.94" minimum (RF179)
<b>RF179</b> = RG 179 Cable	<b>-74RP3</b> = 75 Ω BNC Right-angle Plug (RFA6T, RFB6T, RFC6T only)		

## ALSO AVAILABLE

75 Ω: DIN 1.0/2.3, HDBNC = RFA6T, RFB6T, RFC6T

75 Ω: DIN 1.0/2.3, SMB, MCX, MMX = RF179

\*Designed to meet SMPTE 2082  
12G-SDI specifications.

BNC  
Cable Connectors

BNC7T-CA



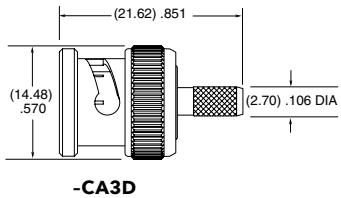
Supplied with pins, washers,  
nuts, gaskets and ferrules.  
See website for dimensions.

CONNECTORS FOR INDUSTRY STANDARD CABLES	
**BNC7T-P-C-GN-ST-CA3	Machined, RG 179 Cable
**BNC7T-P-C-GN-RA-CA3	Machined, RG 179 Cable
**BNC7T-P-C-GN-ST-CA6	*Machined, RG 6 Cable
**BNC7T-P-C-GN-RA-CA6	*Machined, RG 6 Cable
**BNC7T-P-C-GN-ST-CA6B	Belden 4694R Cable
**BNC7T-P-C-GN-RA-CA6B	Belden 4694R Cable
**BNC7T-J-C-GN-ST-BH3	Machined, Bulkhead, RG 179 Cable
BNC7T-P-C-GN-ST-CA3D	Die Cast, RG 179 Cable
BNC7T-P-C-GN-ST-CA6D	Die Cast, RG 179 Cable

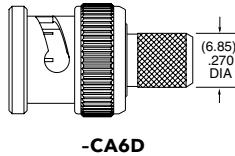
P-C = Cable Plug  
J-C = Cable Jack  
GN = Plating (10  $\mu$ " Gold on contact,  
Nickel on outer contact and shell)  
ST = Straight  
RA = Right-angle

\*\*Add "-B" to the end of the part number for bulk packaging

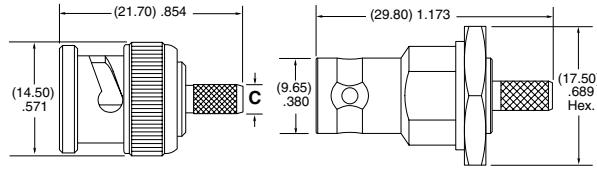
\*Designed to meet SMPTE 2082 12G-SDI specifications.



DIE CAST



-CA6D



-P-ST-CA3 &amp; -P-ST-CA6

-J-ST-BH3

MACHINED

## Note:

Additional plating options available  
on Cable Assemblies, Cable  
Connectors and Board Connectors.  
Contact RFGroup@samtec.com

TERMINATION	C (DIA)
-CA3	(2.70) .106
-CA6	(6.85) .270

## 75 Ω DIE CAST BNC TO 12 GHz

## **BNC Board Connectors**

## **Cable Mates:** RF179, RFA6T, RFB6T, RFC6T, GRF7H-C



**Notes:**  
Contact RFGroup@samtec.com  
for 12G-SDI PCB mount launch  
characteristics.

Designed to meet SMPTE 2082  
12G-SDI specifications.

Additional plating options  
available on Board Connectors.  
Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)

## 75 Ω MACHINED BNC TO 12 GHz

## NC oard Connectors NC7T-TH, BNC7T-BH, NC7T-EM

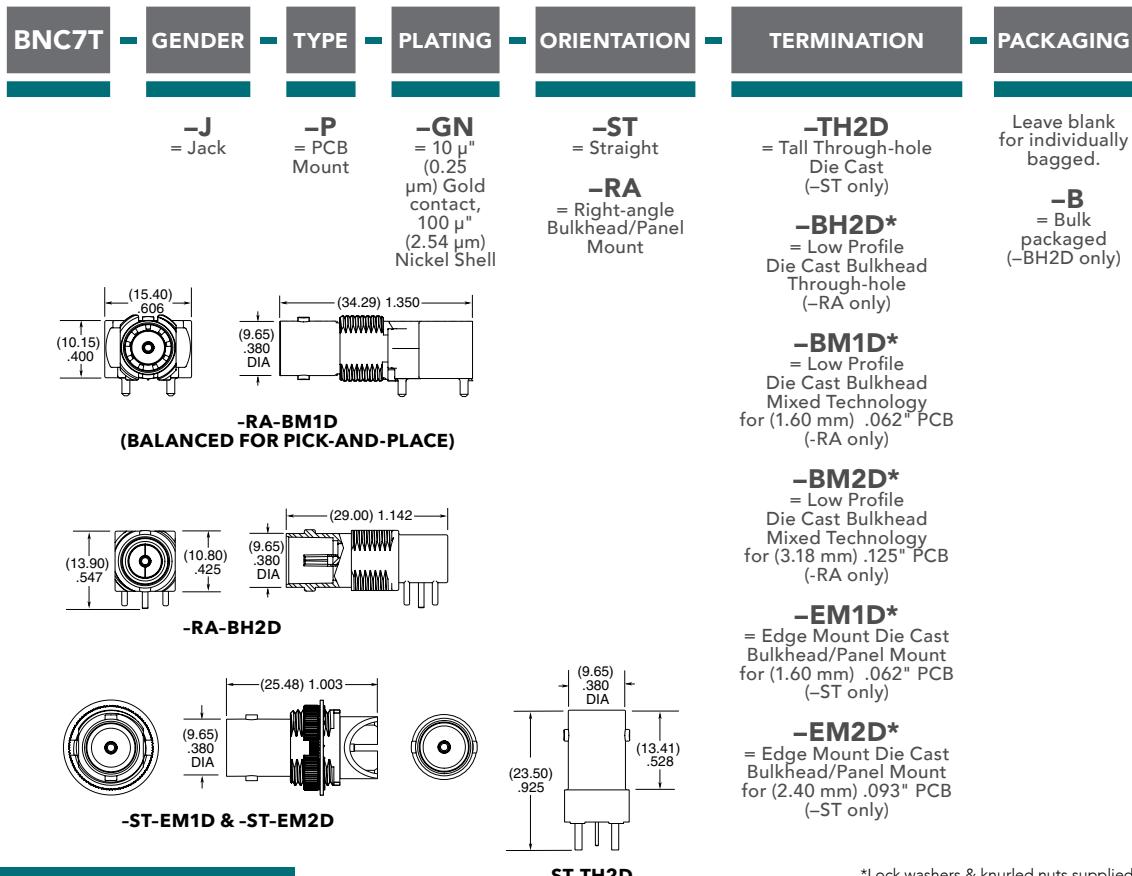
## **Cable Mates:** RF179, RFA6T, RFB6T, REC6T, GRE7H C



**Notes:**  
Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)  
for 12G-SDI PCB mount launch  
characteristics.

Designed to meet SMPTE 2082  
12G-SDI specifications.

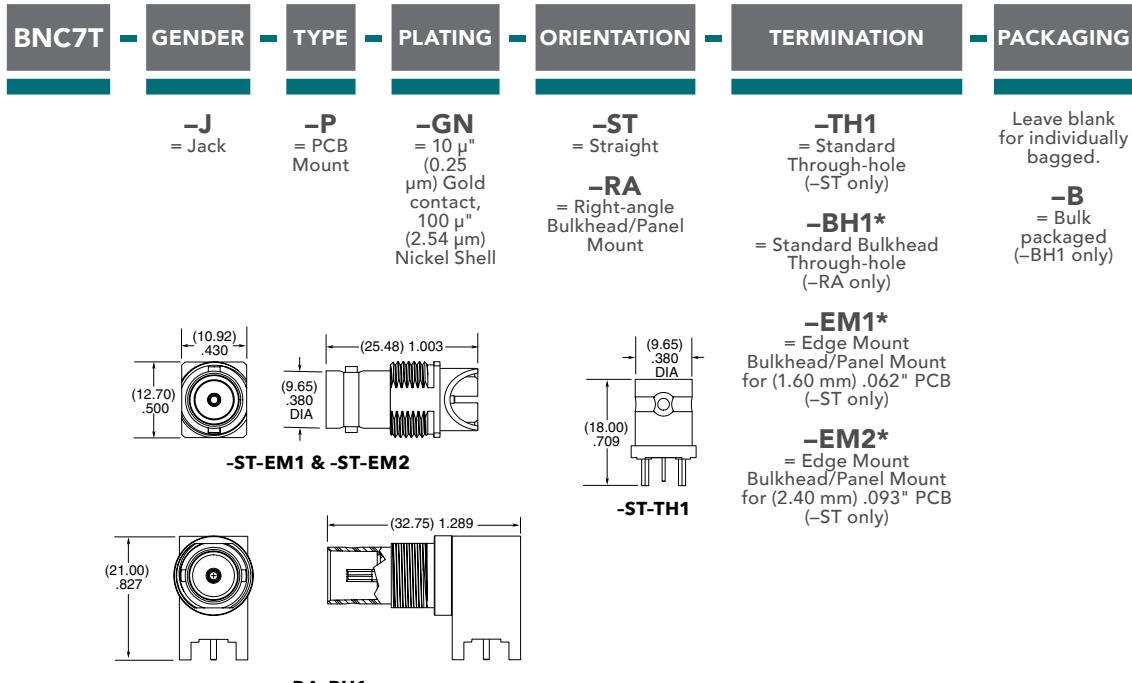
Additional plating options available on Board Connectors. Contact [RFGroup@samtec.com](mailto:RFGroup@samtec.com)



\*Lock washers & knurled nuts supplied with bulkhead/panel mount options

## **BNC Board Connectors BNC7T-TH, BNC7T-BH, BNC7T-EM**

## **Cable Mates:** RF179, RFA6T, RFB6T, REC6T, GRE7H C



\*Lock washers & knurled nuts supplied with bulkhead/panel mount options

# Mouser Electronics

Authorized Distributor

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[Samtec](#):

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