

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

BNC7T-J-P-XX-RA-BH1

GENDER  
-J: JACK

TYPE  
-P: PCB

TERMINATION  
-BHT: BULKHEAD THROUGH HOLE

ORIENTATION  
-RA: RIGHT ANGLE

PLATING SPECIFICATION  
-HN: HEAVY GOLD/NICKEL  
(SUB-BNC7T-J-P-HN-RA-BH1)  
(BTNC-NUT-003-N)  
(BTNC-LWAS-001-N)

\*-MN: MEDIUM GOLD/NICKEL  
(SUB-BNC7T-J-P-GN-RA-BH1)  
(BTNC-NUT-003-N)  
(BTNC-LWAS-001-N)

-GN: GOLD/NICKEL  
(SUB-BNC7T-J-P-GN-RA-BH1)  
(BTNC-NUT-003-N)  
(BTNC-LWAS-001-N)

[F] \*= FOR EXISTING CUSTOMERS ONLY

DO NOT  
SCALE FROM  
THIS PRINT

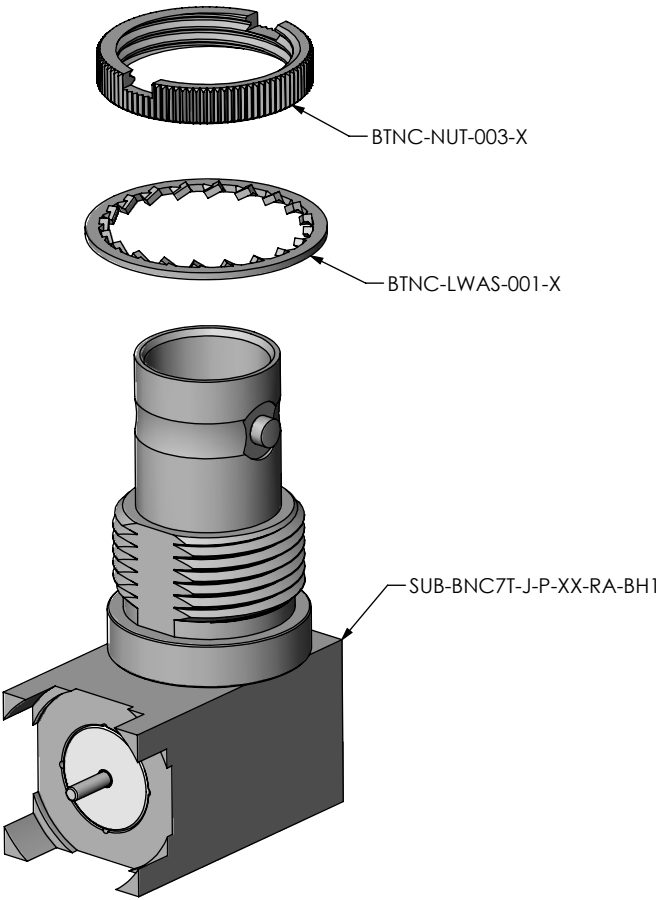
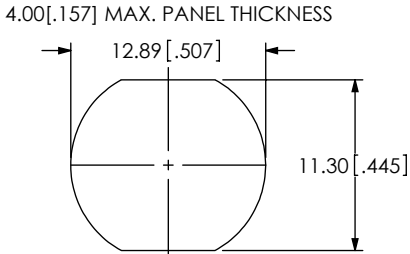
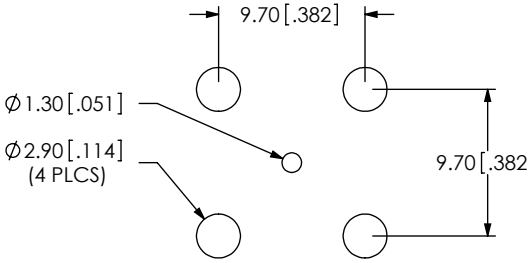


FIG.1  
BNC7T-J-P-XX-RA-BH1 SHOWN

RECOMMENDED MOUNTING HOLE



RECOMMENDED PCB LAYOUT



NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. FABRICATED PARTS MUST BE FREE OF SCRATCHES, TOOL MARKS, ETC.
3. SUPPLIER TO REMOVE BURRS.
4. RoHS COMPLIANT.
5. COMPONENT PLATING DESIGNATIONS:  
-H: .000030" MIN. GOLD OVER .000050. (MIN) NICKEL.  
-G: .000010" MIN. GOLD OVER .000050" MIN. NICKEL  
-N: .000100" MIN. NICKEL.
6. ASSEMBLY PLATING DESIGNATIONS:  
-HN: (CENTER CONTACT)-H  
(OUTER CONTACT) -N  
(REMAINING METAL PARTS) -N  
-MN, -GN:(CENTER CONTACT)-G  
(OUTER CONTACT) -N  
(REMAINING METAL PARTS) -N
7. NOTE DELETED. [F]

THIS PRODUCT MANUFACTURED  
WITH LEAD-FREE PROCESSING

c:\enterprisevault\DWG\MISC\MKTG\BNC7T-J-P-XX-RA-BH1-MKT.SLDDRW

|                                                             |                      |
|-------------------------------------------------------------|----------------------|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN MILLIMETERS |                      |
| TOLERANCES ARE:                                             |                      |
| DECIMALS                                                    | ANGLES               |
| .X: $\pm 0.3$ [.01]                                         | 2 °                  |
| .XX: $\pm 0.13$ [.005]                                      |                      |
| .XXX: $\pm 0.051$ [.0020]                                   |                      |
| MATERIAL:                                                   | DO NOT SCALE DRAWING |
| SHEET SCALE: 2:1                                            |                      |
| SHELL,BODY,NUT,WASHER: BRASS                                |                      |
| CONTACT: COPPER ALLOY                                       |                      |
| DIELECTRIC: PTFE                                            |                      |

PROPRIETARY NOTE  
THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC, INC. AND SHALL NOT BE REPRODUCED  
OR TRANSFERRED TO OTHER DOCUMENTS OR  
DISCLOSED TO OTHERS OR USED FOR ANY  
PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF SAMTEC, INC.

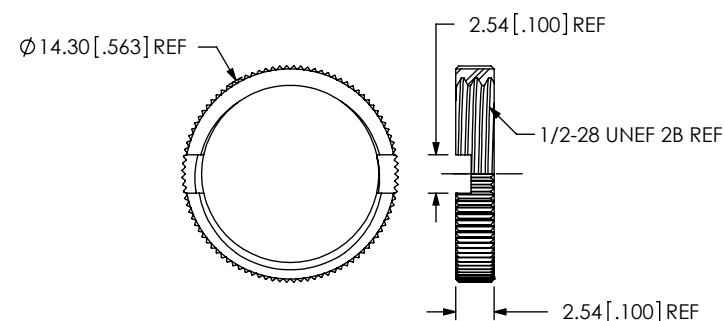
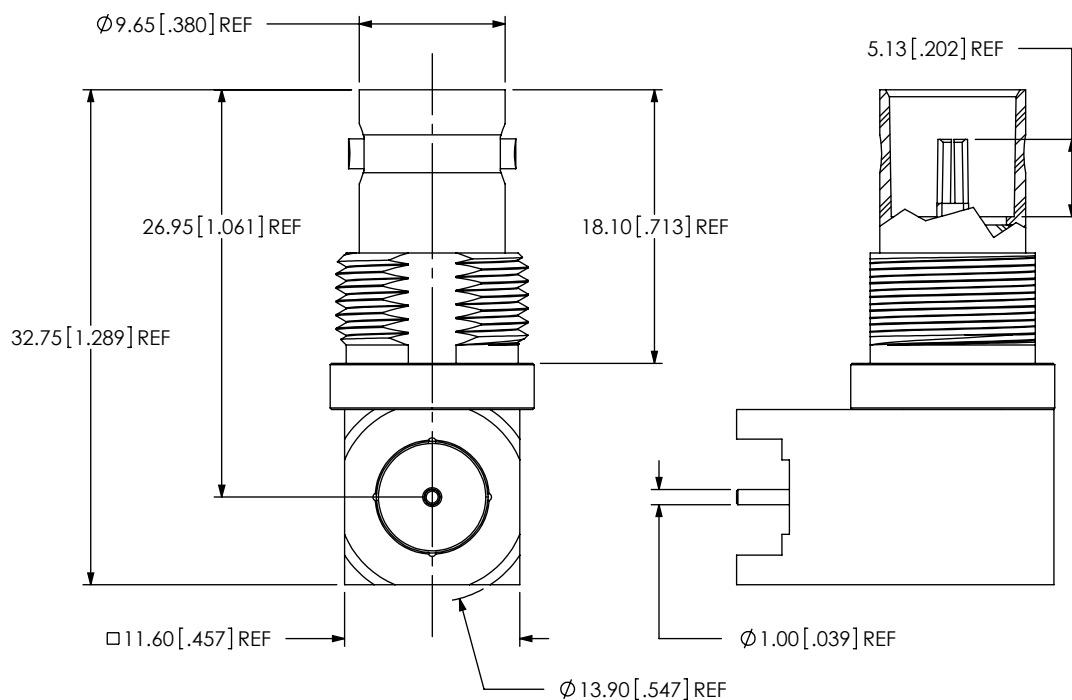
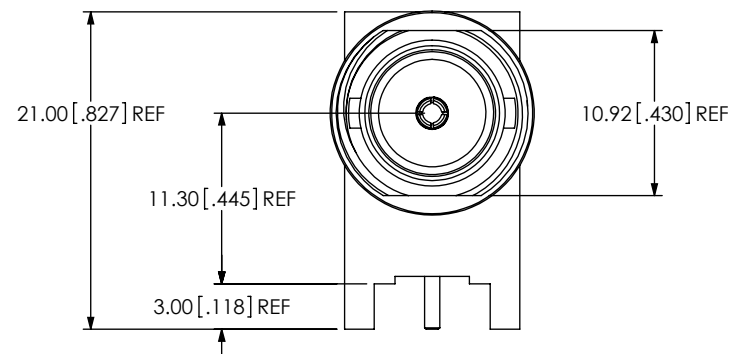
**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

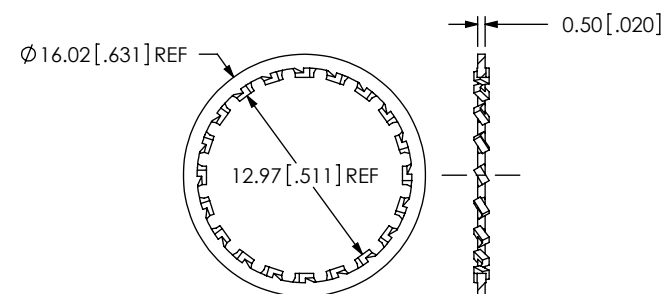
DESCRIPTION:  
TRUE 75 OHM RIGHT ANGLE JACK ASSEMBLY

DWG. NO.  
BNC7T-J-P-XX-RA-BH1

BY: G. HERMAN 09-07-2010 SHEET 1 OF 2



| SAMTEC PART NUMBER | ITEM        |
|--------------------|-------------|
| BTNC-NUT-003-X     | KNURLED NUT |



| SAMTEC PART NUMBER | ITEM       |
|--------------------|------------|
| BTNC-LWAS-001-X    | LOCKWASHER |

c:\enterprise\dwg\MISC\MKTG\BNC7T-J-P-XX-RA-BH1-MKT.SLDDRW

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC, INC. AND SHALL NOT BE REPRODUCED  
OR TRANSFERRED TO OTHER DOCUMENTS OR  
DISCLOSED TO OTHERS OR USED FOR ANY  
PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF SAMTEC, INC.

**samtec**

520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:  
TRUE 75 OHM RIGHT ANGLE JACK ASSEMBLY

DWG. NO.  
**BNC7T-J-P-XX-RA-BH1**

BY: G. HERMAN 09-07-2010 SHEET 2 OF 2

| SAMTEC PART NUMBER      | ITEM         |
|-------------------------|--------------|
| SUB-BNC7T-J-P-XX-RA-BH1 | SUB ASSEMBLY |