

**THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING**

**DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]**

**BNC7T-P-C-XX-ST-CA6X**

GENDER  
-P: PLUG

TYPE  
-C: CABLE

CRIMP OPTION  
(LEAVE BLANK FOR SOLDERED CENTER CONTACT)  
-C: CRIMPABLE CENTER CONTACT  
(USE BNC7-P-C-X-ST-CA6-PIN-C)

TERMINATION  
-CA6: CCA-6 CABLE (RG-6)

ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION  
-GN: GOLD / NICKEL  
10µ" Au / 50µ" Ni MIN ON PIN  
100µ" Ni MIN ON OUTER CONTACT  
(SEE TABLE 1)

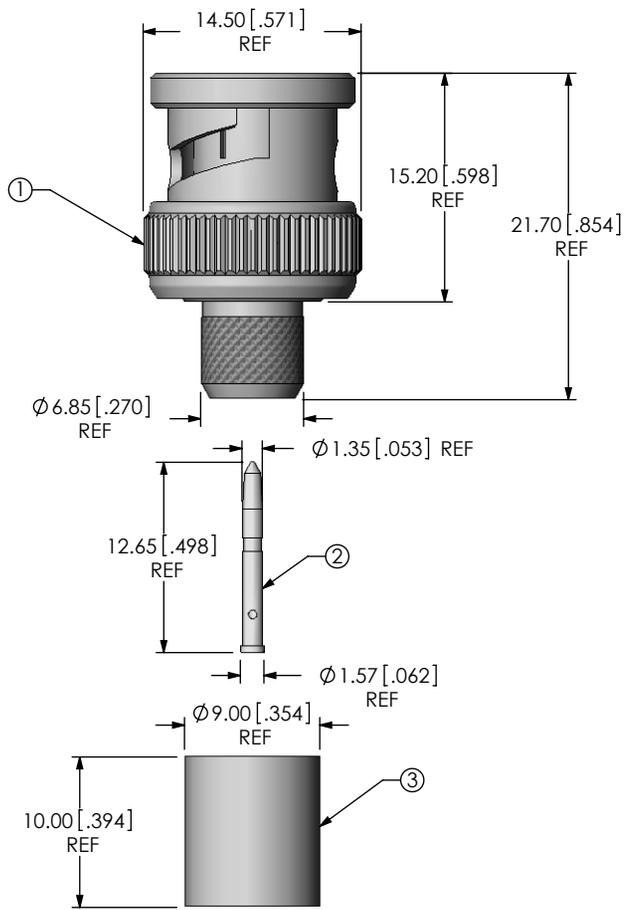
**TABLE 1**

ITEM	COMPONENT	-GN
1	SUB-ASSEMBLY	SUB-BNC7T-P-C-N-ST-CA6
2	PIN	BNC7T-P-C-G-ST-CA6-PIN-X (SEE TABLE 2)
3	FERRULE	BNC-FER-001-N

**TABLE 2**

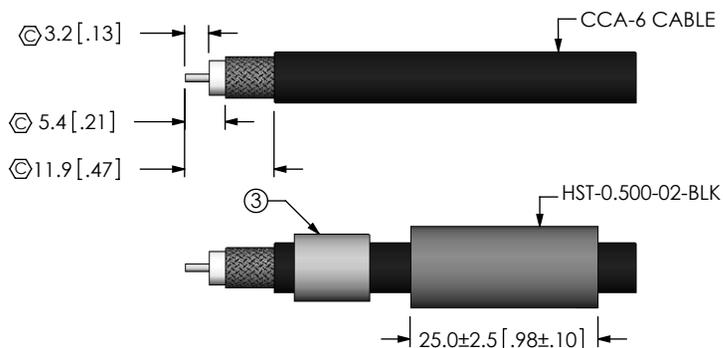
OPTION	PIN
-CA6	BNC7T-P-C-G-ST-CA6-PIN
-CA6C	BNC7T-P-C-G-ST-CA6-PIN-C

DO NOT SCALE FROM THIS PRINT



- NOTES:
- ① REPRESENTS A CRITICAL DIMENSION.
  - PUSHOUT FORCE FOR CENTER CONTACT: 26.69 N [6.0 LB] MIN.
  - PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
  - RoHS COMPLIANT.

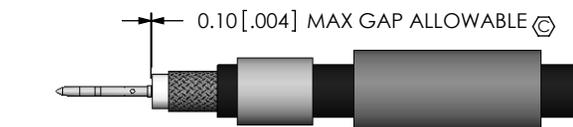
<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES]</p> <p>TOLERANCES ARE:</p> <p>DECIMALS      ANGLES</p> <p>.X: ±0.3 [.01]      5 °</p> <p>.XX: ±0.13 [.005]</p> <p>.XXX: ±0.051 [.0020]</p>	<p><b>PROPRIETARY NOTE</b></p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY 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.</p>	 <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733    FAX: 812-948-5047 e-Mail: info@SAMTEC.com    code: 55322</p>



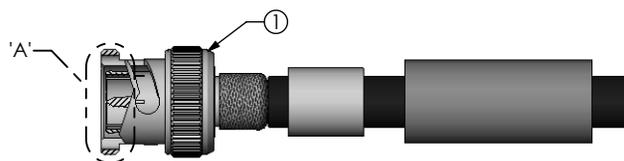
IN-PROCESS 1  
STRIP AND TIN INNER CONDUCTOR



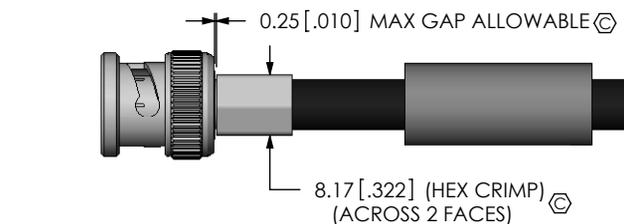
IN-PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



IN-PROCESS 3  
ADD SIGNAL PIN



IN-PROCESS 4  
SOLDER SIGNAL PIN, OR CRIMP  
(USE DANIELS WA22CJ TOOL AND K1764 POSITIONER, CRIMP ON SETTING 6)



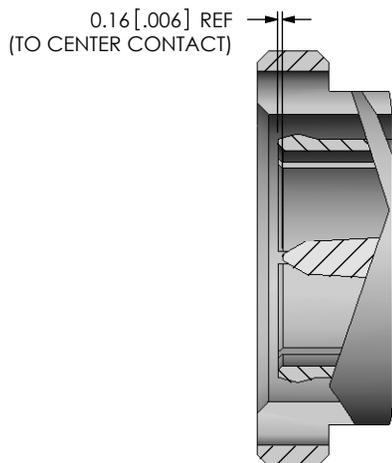
IN-PROCESS 5  
FLARE BRAIDED SHIELD AND ADD SUB-BNC7T-P-C-X-ST-CA6  
CABLE FOIL WRAP TO BE INSERTED INSIDE CABLE BODY



IN-PROCESS 6  
CRIMP FERRULE  
(USE .324 HEX DIE)



IN-PROCESS 7  
APPLY HEAT SHRINK TUBE



DETAIL 'A'  
SCALE 4:1

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DO NOT SCALE DRAWING

SHEET SCALE: 1:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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DESCRIPTION:  
TRUE 75 OHM BNC STRAIGHT PLUG RG-6

DWG. NO.  
BNC7T-P-C-XX-ST-CA6X

BY: G. HERMAN 09/29/2008 SHEET 2 OF 2