

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

BNC7T-P-C-XX-ST-CA6

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA6: RG-6 CABLE

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION
-MN: MEDIUM GOLD/NICKEL (SEE NOTES 7 & 8)
(SUB-BNC7T-P-C-N-ST-CA6)
(BNC7-P-C-M-ST-CA6-PIN)
(BNC-FER-001-N)

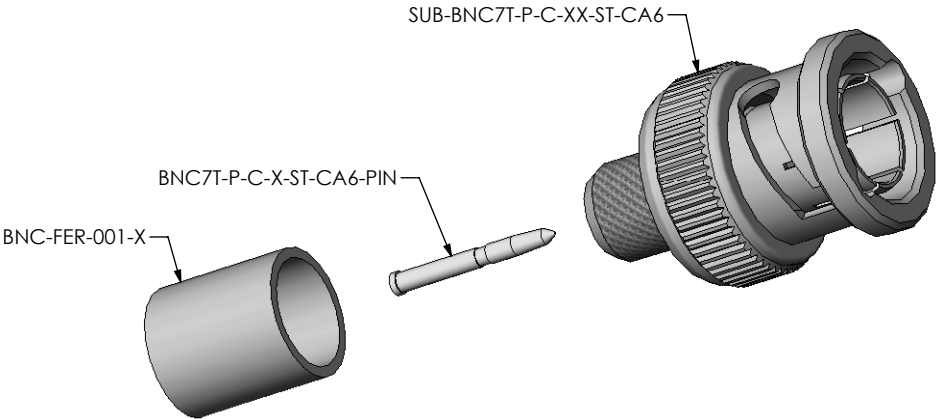


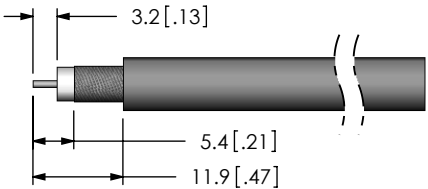
FIG.1
BNC7T-P-C-XX-ST-CA6 SHOWN

DO NOT
SCALE FROM
THIS PRINT

NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR CENTER CONTACT: 26.69 N [6.0 LB] MIN.
3. SEE SHEET 3 FOR TERMINATION INFORMATION.
4. NOTE DELETED.
5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
6. RoHS COMPLIANT.
7. COMPONENT PLATING DESIGNATIONS:
 - M: .000010" MIN. GOLD OVER .000050" MIN. NICKEL.
 - N: .000100" MIN. NICKEL.
8. ASSEMBLY PLATING DESIGNATIONS:
 - MN: (CENTER CONTACT)-M:
(OUTER CONTACT)-N:
(REMAINING METAL PARTS)-N:

RECOMMENDED CABLE STRIPPING



 THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING

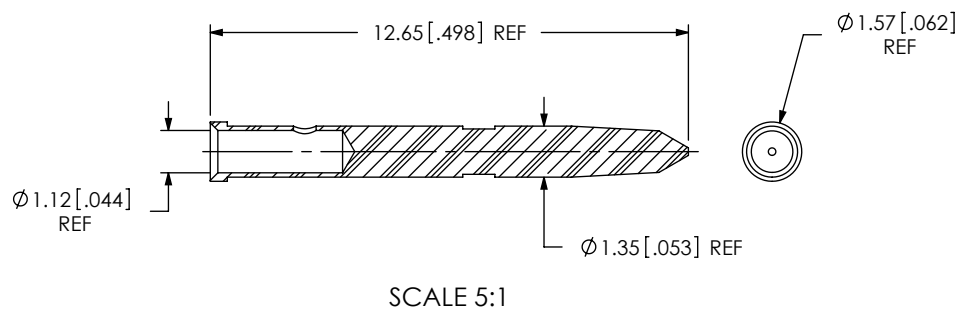
F:\DWG\MISC\MKTG\BNC7T-P-C-XX-ST-CA6-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES]	
TOLERANCES ARE:	
DECIMALS	ANGLES
.X: ±0.3 [.01]	2 °
.XX: ±0.13 [.005]	
.XXX: ±0.051 [.0020]	
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.	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:1	
SHELL, FERRULE, NUT: BRASS CONTACT: BRASS DIELECTRIC: PTFE GASKET: SILICONE	

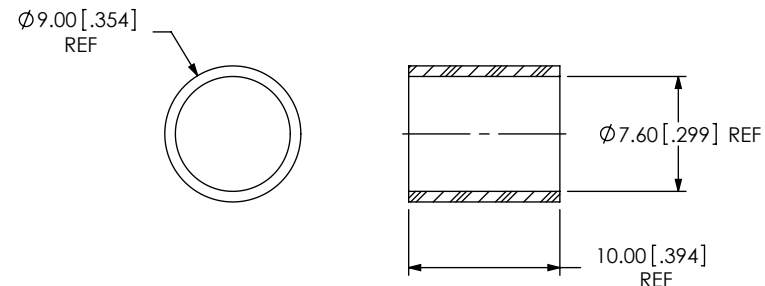
samtec

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

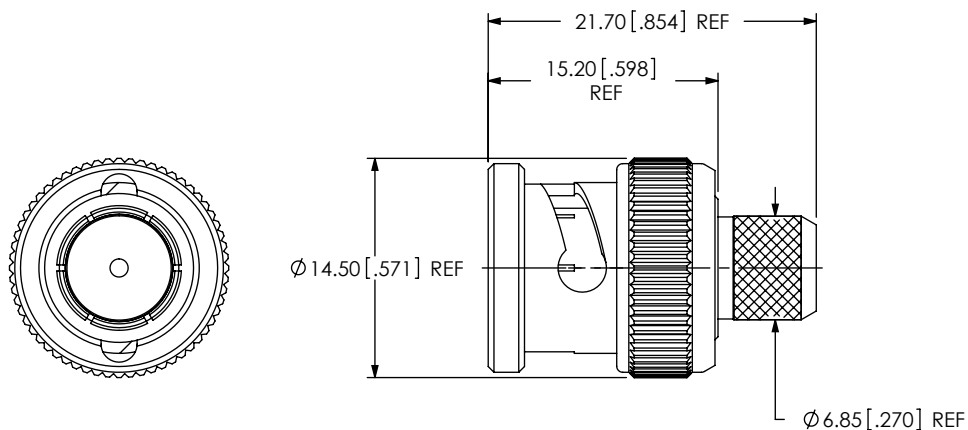
DESCRIPTION: TRUE 75 OHM BNC STRAIGHT PLUG RG-6 	
DWG. NO. BNC7T-P-C-XX-ST-CA6	
BY: G. HERMAN 09/29/2008	SHEET 1 OF 3



SAMTEC PART NUMBER	ITEM
BNC7T-P-C-X-ST-CA6-PIN	PIN



SAMTEC PART NUMBER	ITEM
BNC-FER-001-X	FERRULE



SAMTEC PART NUMBER	ITEM
SUB-BNC7T-P-C-XX-ST-CA6	SUB ASSEMBLY

F:\DWG\MISC\WKTG\BNC7T-P-C-XX-ST-CA6-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.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

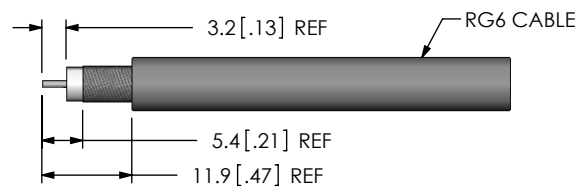
samtec

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

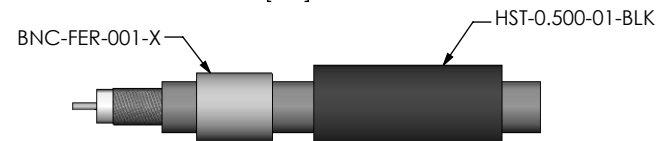
DESCRIPTION:
TRUE 75 OHM BNC STRAIGHT PLUG RG-6

DWG. NO.
BNC7T-P-C-XX-ST-CA6

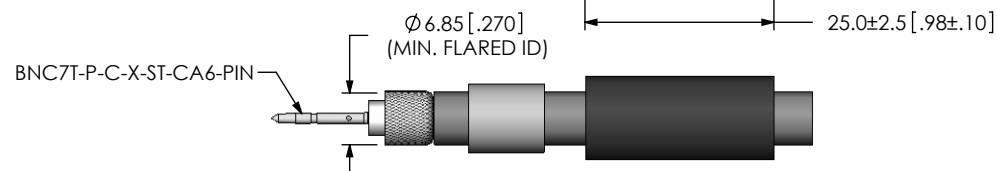
BY: G. HERMAN 09/29/2008 SHEET 2 OF 3



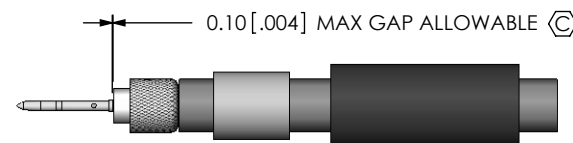
STRIP AND TIN INNER CONDUCTOR



ADD HEAT SHRINK TUBE AND FERRULE

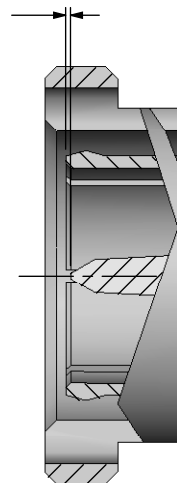


FLARE BRAIDED SHIELD AND ADD SIGNAL PIN

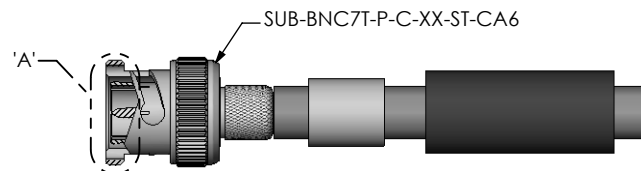


SOLDER SIGNAL PIN

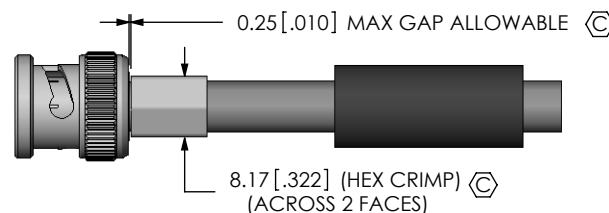
0.16^{+0.17}_{-0.03} [.006^{+0.007}_{-.001}]
(TO CENTER CONTACT)



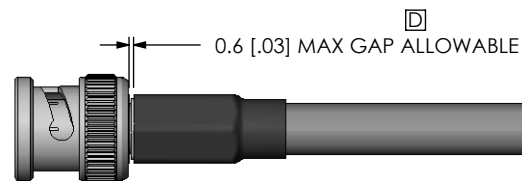
DETAIL 'A'
SCALE 4:1



ADD SUB-BNC7T-P-C-XX-ST-CA6
CABLE FOIL WRAP TO BE INSERTED INSIDE CABLE BODY



CRIMP FERRULE
(USE RF CRIMP HAND TOOL #CAT-HT-126667-21 OR EQUIVALENT)



APPLY HEAT SHRINK TUBE

F:\DWG\MISC\WKTG\BNC7T-P-C-XX-ST-CA6-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.

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

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 BNC STRAIGHT PLUG RG-6

DWG. NO.
BNC7T-P-C-XX-ST-CA6

BY: G. HERMAN 09/29/2008 SHEET 3 OF 3