

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

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

BNC7T-P-C-XX-ST-CA6X-X

GENDER
-P: PLUG

TYPE
-C: CABLE

PACKAGING
-BLANK: INDIVIDUALLY BAGGED
-B: BULK PACKAGED (QTY=100 MAX)

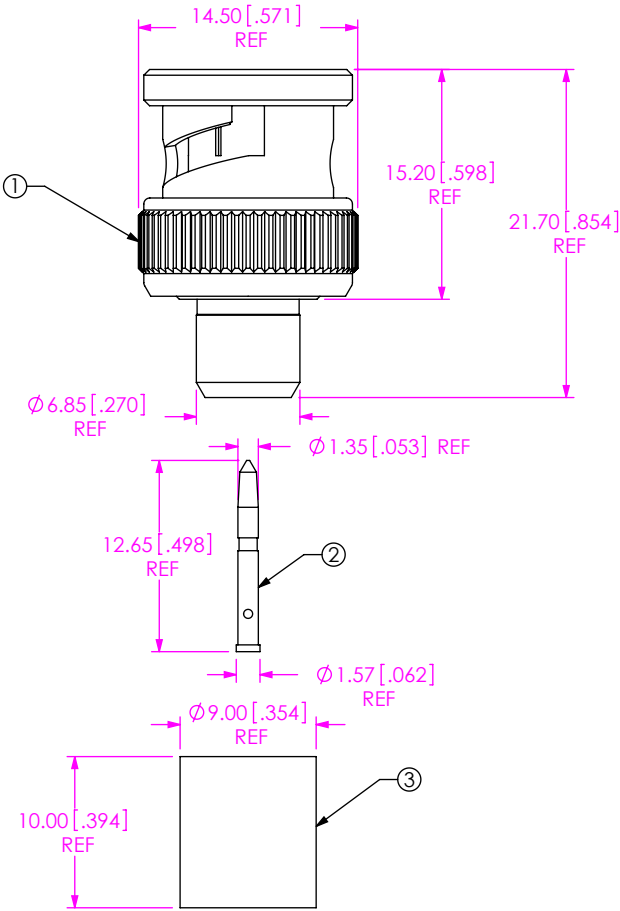
OPTION
-CA6: CCA-6/CCA-1694A
(USE SOLDERED CENTER CONTACT)
-CA6B: CCA-4694R
(USE SOLDERED CENTER CONTACT)
-CA6C: CCA-6/CCA-1694A
(USE CRIMPABLE CENTER CONTACT)

ORIENTATION
-ST: STRAIGHT

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

TABLE 1

ITEM	COMPONENT	-CA6	-CA6B	-CA6C
1	SUB-ASSEMBLY	SUB-BNC7T-P-C-N-ST-CA6	SUB-BNC7T-P-C-N-ST-CA6B	SUB-BNC7T-P-C-N-ST-CA6
2	PIN	BNC7T-P-C-G-ST-CA6-PIN		BNC7T-P-C-G-ST-CA6-PIN-C
3	FERRULE	BNC-FER-001-N		



NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR CENTER CONTACT: 26.69 N [6.0 LB] MIN.
3. PRODUCT TO BE PACKAGED PER PRECISION RF SECTION OF PACKAGING MANUAL.
4. RoHS COMPLIANT.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS [INCHES]

TOLERANCES ARE:

DECIMALS ANGLES
.X: ±0.3 [.01] 5°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

PROPRIETARY NOTE

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MATERIAL:

SHELL, FERRULE, NUT: BRASS
CONTACT: BRASS
DIELECTRIC: PTFE
GASKET: SILICONE

DO NOT SCALE DRAWING

SHEET SCALE: 1:1

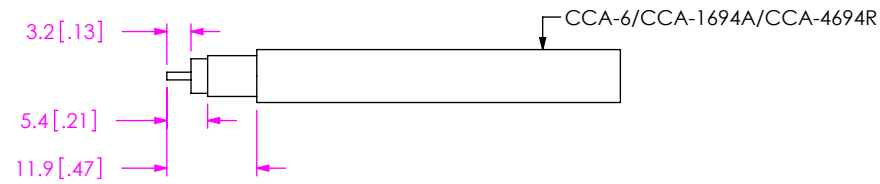
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

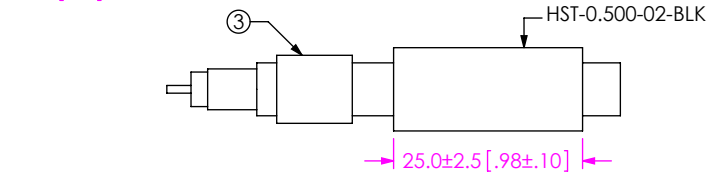
DESCRIPTION:
TRUE 75 OHM BNC STRAIGHT PLUG RG-6

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

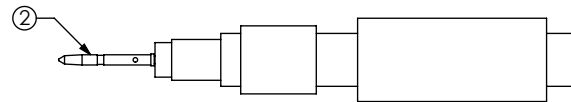
BY: G. HERMAN 09/29/2008 SHEET 1 OF 3



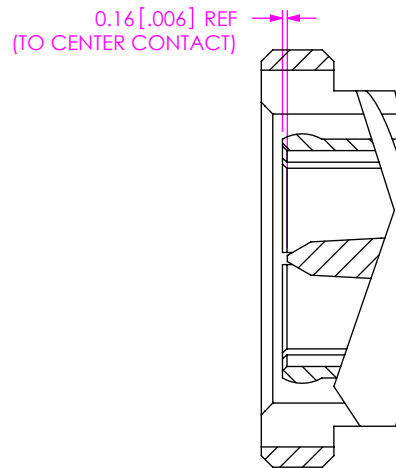
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



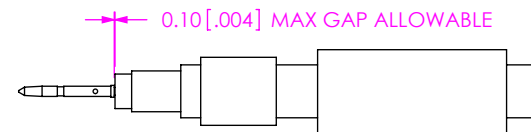
IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



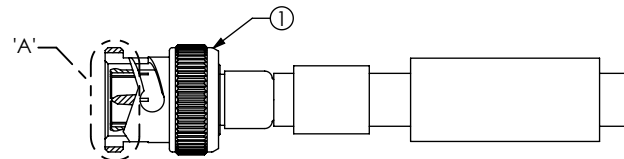
IN-PROCESS 3
ADD SIGNAL PIN



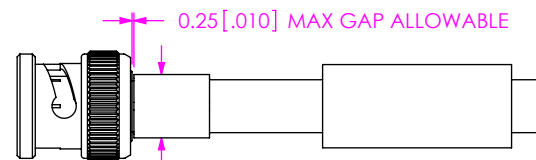
DETAIL 'A'
SCALE 4:1



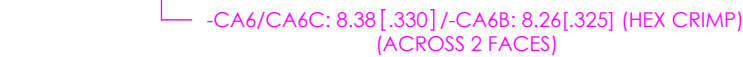
IN-PROCESS 4
SOLDER SIGNAL PIN, OR CRIMP
(USE DANIELS WA22CJ TOOL AND K1764 POSITIONER, CRIMP ON SETTING 6)



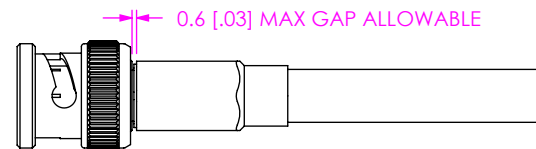
IN-PROCESS 5
FLARE BRAIDED SHIELD AND ADD SUB-BNC7T-P-C-X-ST-CA6
CABLE FOIL WRAP TO BE INSERTED INSIDE CABLE BODY



IN-PROCESS 6
CRIMP FERRULE
(USE .324 HEX DIE)
(USE .325 HEX DIE FOR CCA-4694R CABLE)



IN-PROCESS 7
APPLY HEAT SHRINK TUBE



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SHEET SCALE: 1:1

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

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

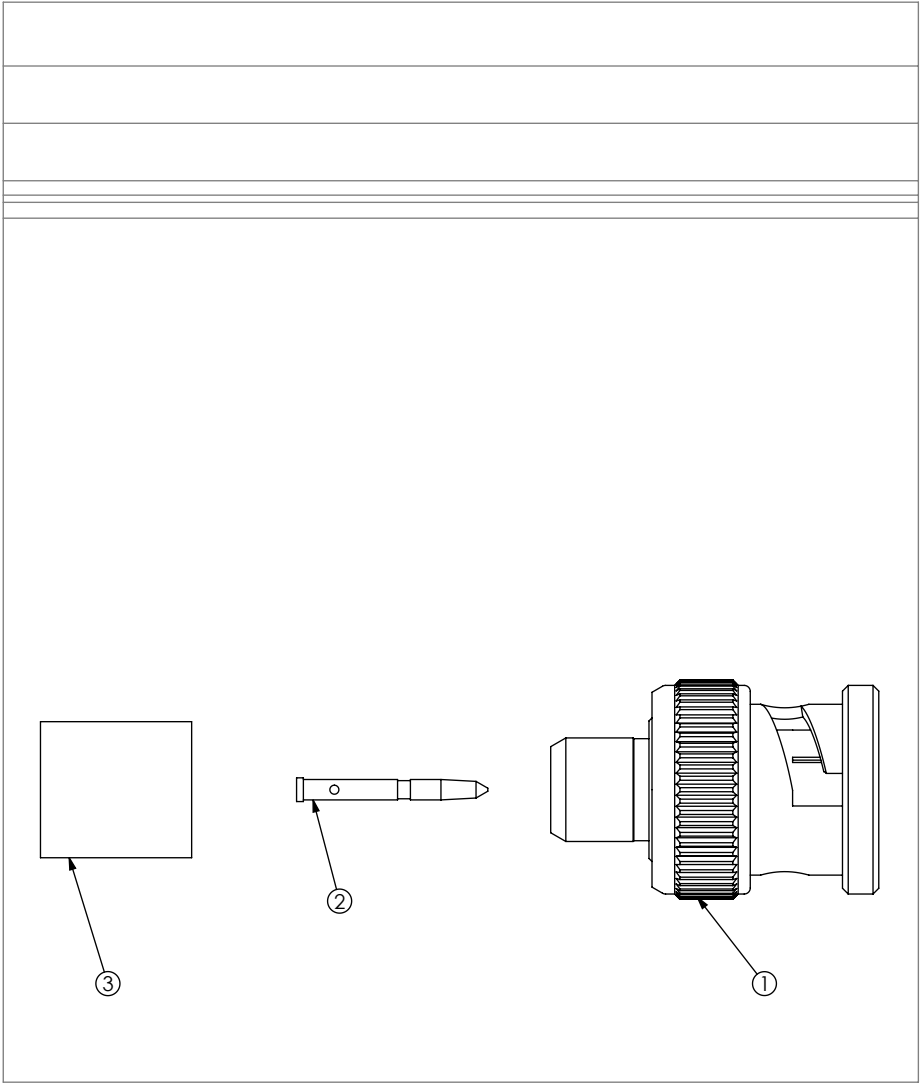


FIG 2
BNC7T-P-C-XX-ST-CA6X SHOWN

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