

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

DO NOT SCALE FROM THIS PRINT

MBNC7-P-C-XX-RA-CA6

IMPEDENCE
7:75 OHM

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA6: RG-6 / BELDEN 1694A CABLE

ORIENTATION
-RA: RIGHT ANGLE

PLATING SPECIFICATION
-HN: HEAVY GOLD / NICKEL
30µ" Au / 50µ" Ni MIN ON CENTER CONTACT
100µ" Ni MIN ON OUTER CONTACT
-GN: GOLD / NICKEL
10µ" Au / 50µ" Ni MIN ON CENTER CONTACT
100µ" Ni MIN ON OUTER CONTACT
(SEE TABLE 1)

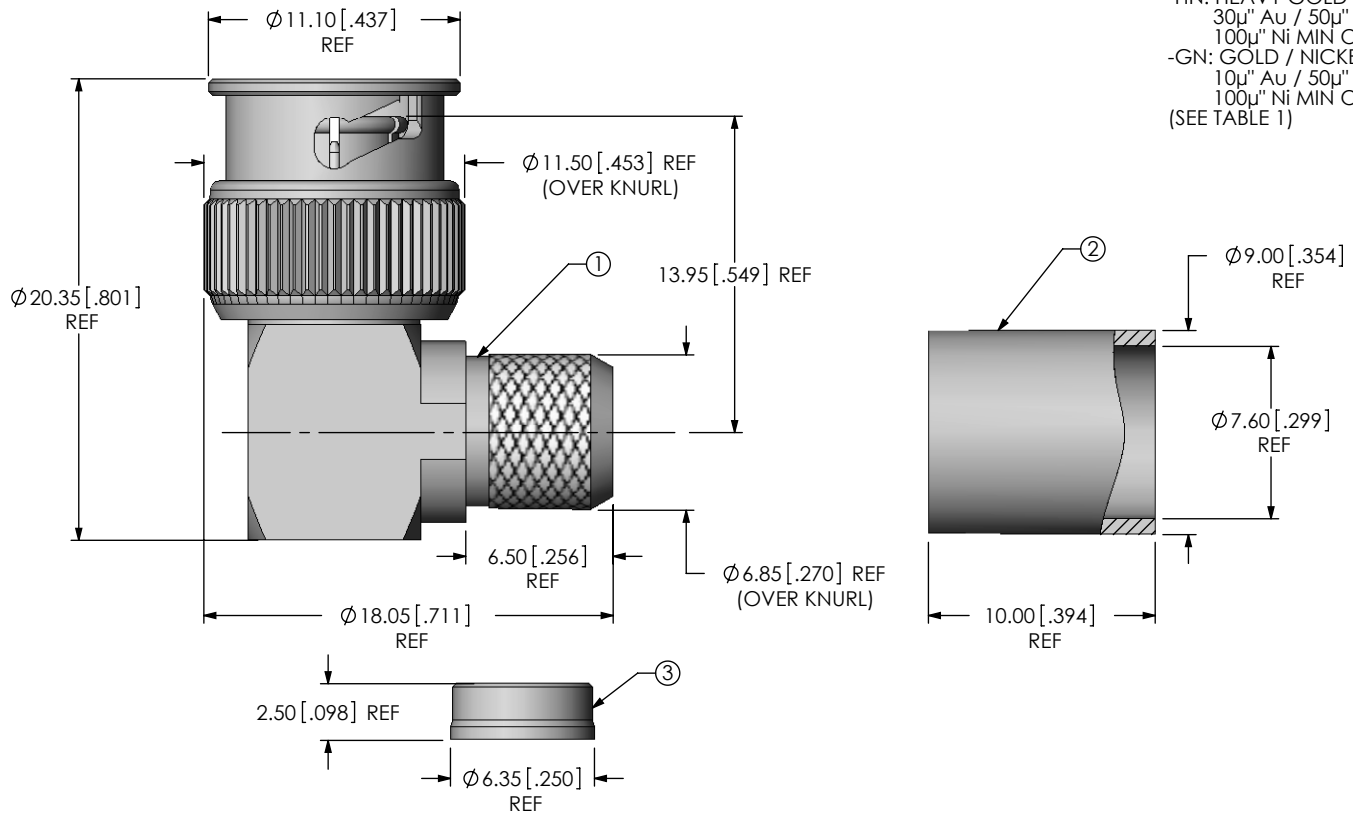


TABLE 1

ITEM	COMPONENT	-HN	-GN
1	SUB ASSEMBLY	SUB-MBNC7-P-C-HN-RA-CA6	SUB-MBNC7-P-C-GN-RA-CA6
2	FERRULE	BNC-FER-001-N	
3	CAP	MBNC7-P-C-N-RA-CAP	

- NOTES:
- ① REPRESENTS A CRITICAL DIMENSION.
 - PUSHOUT FORCE FOR CENTER CONTACT: 17.79N [4LBS] MIN.
 - NOTE DELETED.
 - PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
 - NOTE DELETED.
 - NOTE DELETED.
 - NOTE DELETED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
 DECIMALS ANGLES
 X.X: ±0.3 [.01] 5°
 X.XX: ±0.13 [.005]
 X.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.



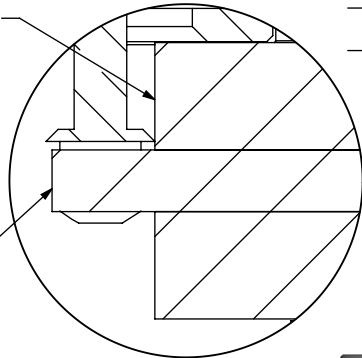
520 PARK EAST BLVD., NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail: info@SAMTEC.com code 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
 SHELL, FERRULE, NUT, CAP: BRASS
 CONTACT: BRASS
 DIELECTRIC: PTFE
 GASKET: SILICONE
 SPRING: STAINLESS STEEL

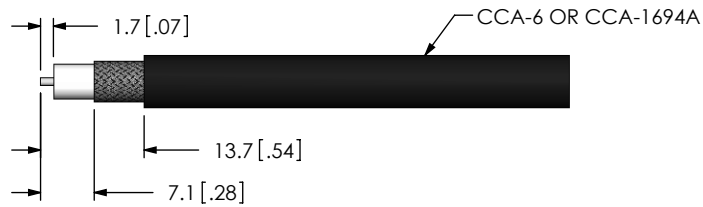
DESCRIPTION:
 TRUE 75 OHM, MBNC RA RG6 CABLE PLUG
 DWG. NO.
MBNC7-P-C-XX-RA-CA6
 BY: ALVIN W 06/18/2010 SHEET 1 OF 2

END OF CABLE DIELECTRIC SHOULD SEAT AGAINST CONTACT CUP

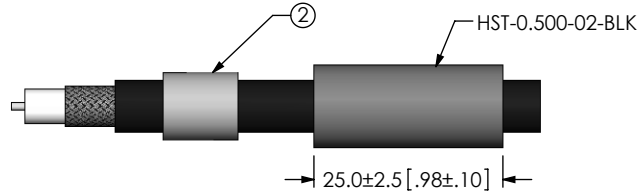
CABLE CENTER CONDUCTOR SHOULD NOT PROTRUDE OUTSIDE CONTACT CUP AFTER FERRULE IS CRIMPED



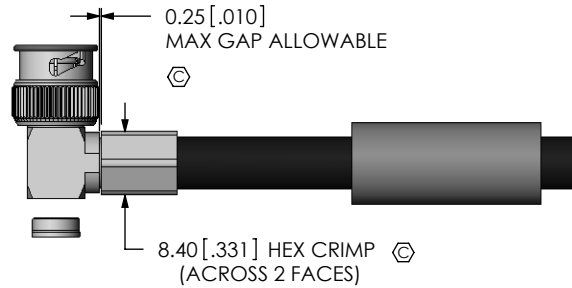
DETAIL 'C'
SCALE 8:1



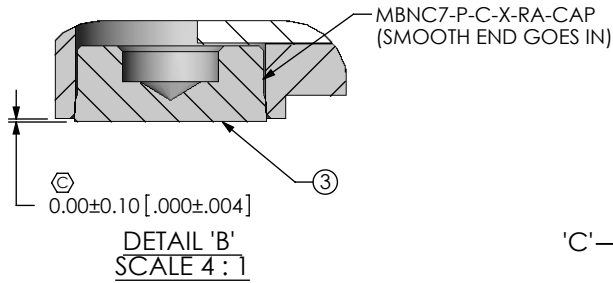
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



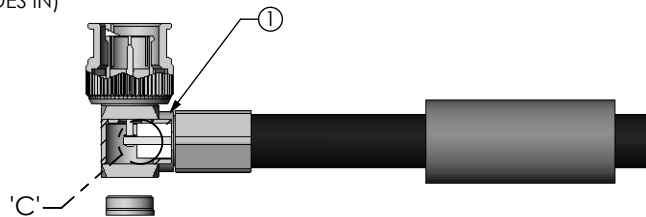
IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



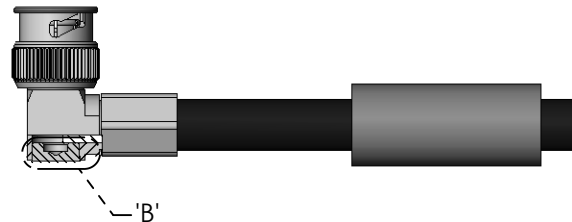
IN-PROCESS 3
ADD SUB ASSEMBLY



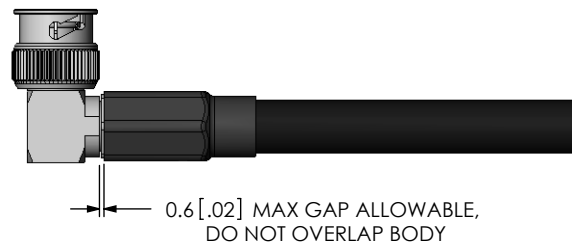
IN-PROCESS 4
CRIMP FERRULE AND SOLDER SIGNAL PIN



IN-PROCESS 5
INSERT CAP



IN-PROCESS 6
APPLY HEAT SHRINK TUBING



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DO NOT SCALE DRAWING

SHEET SCALE: 1:1



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