

DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

DO NOT  
SCALE FROM  
THIS PRINT

HDBNC-P-C-XX-ST-CA8X

GENDER  
-P: PLUG

TYPE  
-C: CABLE

CRIMP OPTION  
(LEAVE BLANK FOR SOLDERED CENTER CONTACT)  
-C: CRIMPABLE CENTER CONTACT  
(USE HDBNC-P-C-X-ST-CA8-PIN-C)

TERMINATION  
-CA8: CCA-1855A  
CCA-4855R

ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION  
-HF: 30µ" GOLD CENTER CONTACT,  
3µ" GOLD OUTER CONTACT  
100µ" NICKEL ON OTHER COMPONENTS  
-HN: 30µ" GOLD CENTER CONTACT,  
100µ" NICKEL OUTER CONTACT  
-GF: 10µ" GOLD CENTER CONTACT,  
3µ" GOLD OUTER CONTACT  
100µ" NICKEL ON OTHER COMPONENTS  
-GN: 10µ" GOLD CENTER CONTACT,  
100µ" NICKEL OUTER CONTACT  
(SEE TABLE 1)

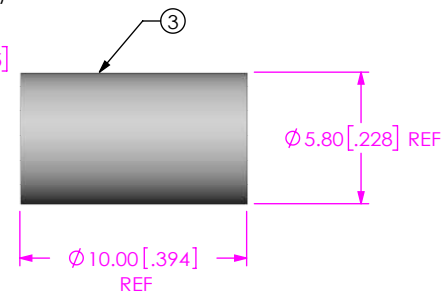
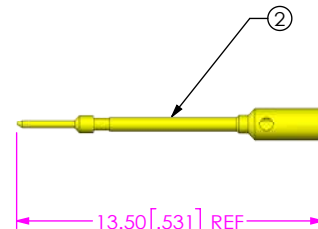
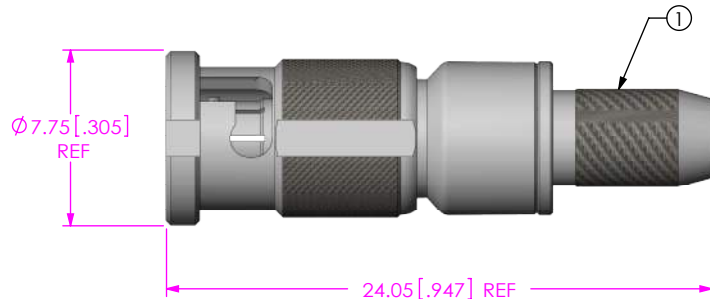


TABLE 1

ITEM	COMPONENT	-HF	-HN	-GF	-GN
1	SUB ASSEMBLY	SUB-HDBNC-P-C-FN-ST-CA8	SUB-HDBNC-P-C-NN-ST-CA8	SUB-HDBNC-P-C-FN-ST-CA8	SUB-HDBNC-P-C-NN-ST-CA8
2	PIN (SEE TABLE 2)	HDBNC-P-C-H-ST-CA8-PIN-X	HDBNC-P-C-H-ST-CA8-PIN-X	HDBNC-P-C-G-ST-CA8-PIN-X	HDBNC-P-C-G-ST-CA8-PIN-X
3	FERRULE	DINA-FER-001-N			

TABLE 2

OPTION	PIN
-CA8	HDBNC-P-C-X-ST-CA8-PIN
-CA8C	HDBNC-P-C-X-ST-CA8-PIN-C

NOTES:

- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKING STANDARD CO-RF-WI-3040-M.
- THE TEST RESULT OF THE CABLE PULL-OUT FORCE EXCEEDS 40 POUNDS.

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]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1  
COUPLING NUT, SHELL, BODY, PIN, FERRULE : BRASS  
GASKET: SILICONE  
C-RING, FLAT WASHER: BRASS  
SPRING: STAINLESS STEEL  
DIELECTRIC: PTFE



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

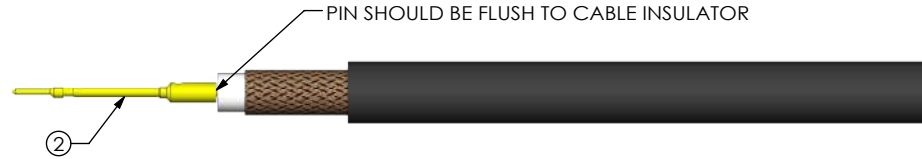
DESCRIPTION:  
75 OHM, HIGH DENSITY BNC STRAIGHT PLUG, RG59

DWG. NO.  
HDBNC-P-C-XX-ST-CA8X

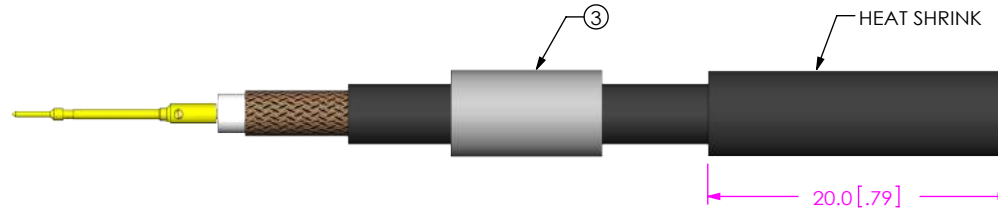
BY: ALVIN W 02/16/2011 SHEET 1 OF 2



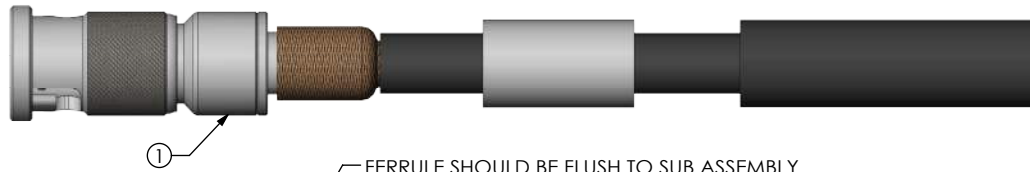
**IN-PROCESS 1**  
STRIP CABLE & TIN INNER CONDUCTOR



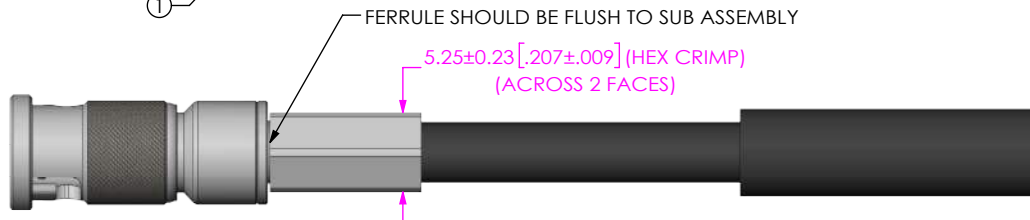
**IN-PROCESS 2**  
INDUCTION SOLDER SIGNAL CONTACT  
OR CRIMP (CA8C OPTION) USING .042" SQ. DIE



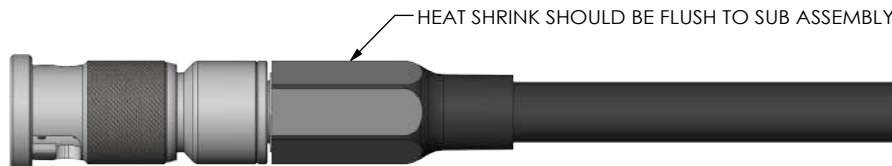
**IN-PROCESS 3**  
ADD FERRULE & HEAT SHRINK TUBING



**IN-PROCESS 4**  
ADD SUB ASSEMBLY



**IN-PROCESS 5**  
CRIMP FERRULE  
(USE RF CRIMP HAND TOOL #CAT-RF-FER-001  
AND .207" DIE SIZE)



**IN-PROCESS 6**  
ACTIVATE HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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BY:ALVIN W 02/16/2011 SHEET 2 OF 2