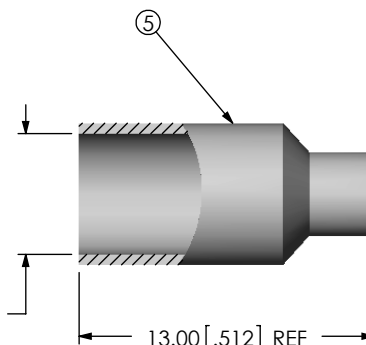
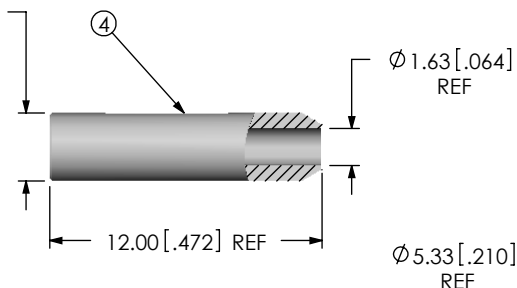
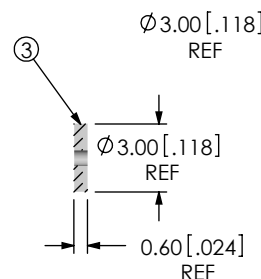
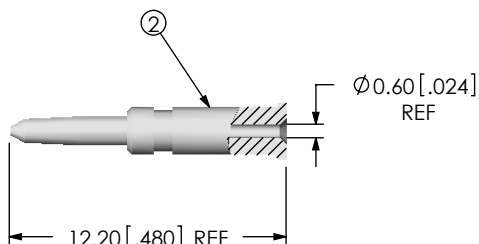
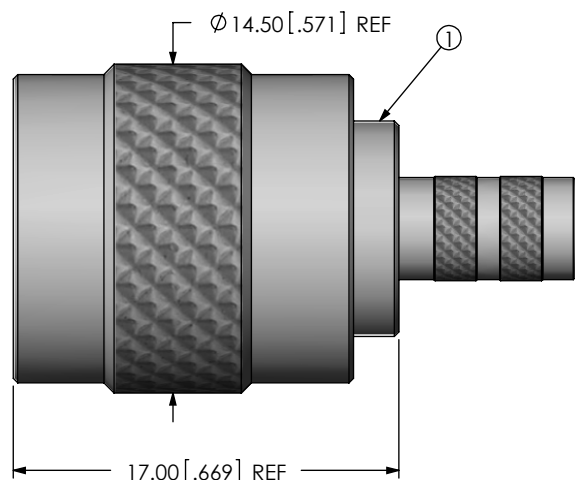




DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

DO NOT
SCALE FROM
THIS PRINT



TNC-P-C-XX-ST-CA1

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA1: CABLE
(RG174 OR RG316)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION

-GN: GOLD / NICKEL
10μ" Au / 50μ" Ni MIN ON CENTER CONTACT
100μ" Ni MIN ON OTHER
(SEE TABLE 1)

TABLE 1

ITEM	COMPONENT	-GN
1	SUB ASSEMBLY	SUB-TNC-P-C-N-ST-CA1
2	PIN	TNC-PIN-001-G
3	INSULATOR	TNC-INS-001
4	FERRULE 1	TNC-FER-001-N
5	FERRULE 2	TNC-FER-002-N

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- CENTER CONTACT PUSHOUT FORCE: 26.69 N [6LB] MIN
- NOTE DELETED.
- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.

F:\DWG\MISC\MKTG\TNC-P-C-XX-ST-CA1-MKT.SLDDRW

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: DO NOT SCALE DRAWING

SHEET SCALE: 3:1

SHELL, FERRULE: 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:
TNC STRAIGHT CABLE PLUG, RG174 & RG316 - 50 OHM

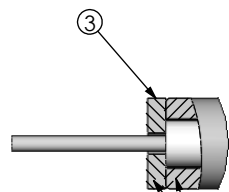
DWG. NO.
TNC-P-C-XX-ST-CA1

BY: R MUSSER 12/19/2007 SHEET 1 OF 2

REVISION J

J
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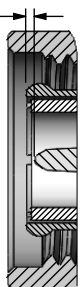
⌀ 17.4 [.69]
⌀ 8.6 [.34]
⌀ 5.1 [.20]



TNC-INS-001 & TNC-FER-001-X
TO BE FLUSH WITH CABLE DIELECTRIC

DETAIL 'B'
SCALE 4 : 1

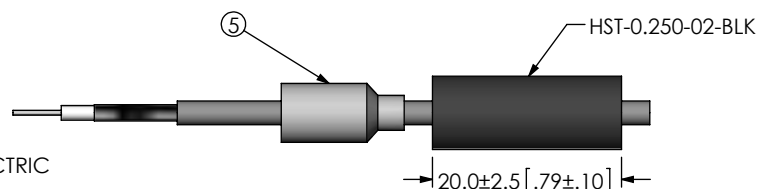
0.45 [.018] REF
TO CENTER CONTACT
J



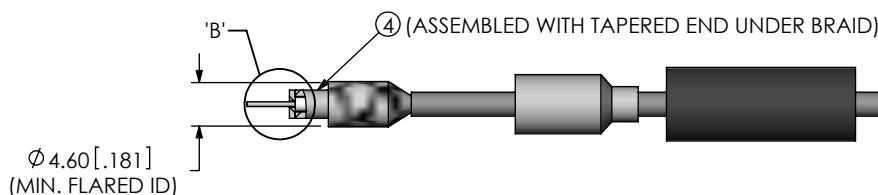
DETAIL 'A'
SCALE 2.5 : 1



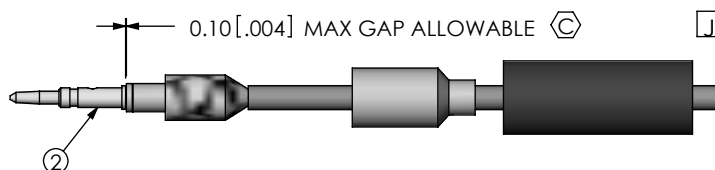
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



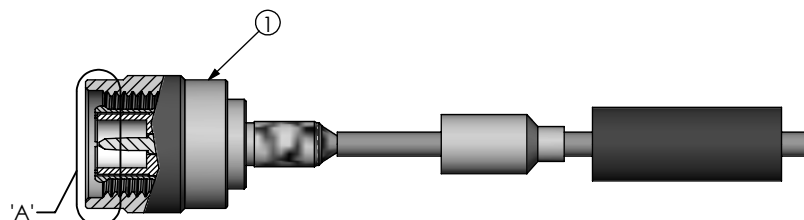
IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



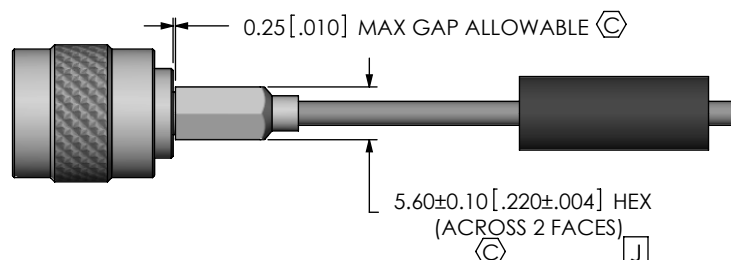
IN-PROCESS 3
FLARE SHIELD, ADD INNER FERRULE AND INSULATOR



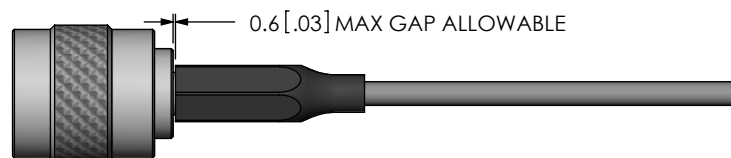
IN-PROCESS 4
SOLDER SIGNAL PIN



IN-PROCESS 5
ADD SUB-TNC-P-C-X-ST-CA1



IN-PROCESS 6
CRIMP FERRULE
(USE RF CRIMP HAND TOOL #CAT-HT-126667-21 OR EQUIVALENT)
(USE .213" HEX DIE)



IN-PROCESS 7
APPLY HEAT SHRINK TUBE

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SHEET SCALE: 1:0.8

samtec

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
TNC STRAIGHT CABLE PLUG, RG174 & RG316 - 50 OHM

DWG. NO.
TNC-P-C-XX-ST-CA1

BY: R MUSSER 12/19/2007 SHEET 2 OF 2