

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SMA-P-C-XX-ST-CA7

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA7: CCA-405-X (RG405 CABLE)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATIONS

-HF: HEAVY GOLD / FLASH GOLD
30µ" Au / 50µ" Ni MIN ON PIN
3µ" Au / 50µ" Ni MIN ON OUTER CONTACT

-GF: GOLD / FLASH GOLD
10µ" Au / 50µ" Ni MIN ON PIN
3µ" Au / 50µ" Ni MIN ON OUTER CONTACT

-GN: GOLD / NICKEL
10µ" Au / 50µ" Ni MIN ON PIN
100µ" Ni MIN ON COUPLING NUT
3µ" Au / 50µ" Ni MIN ON OUTER CONTACT
(SEE TABLE 1)

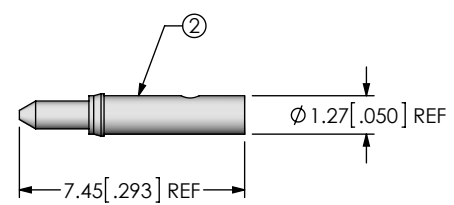
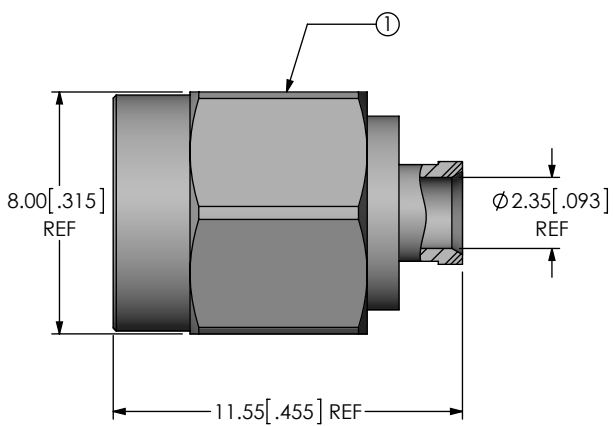



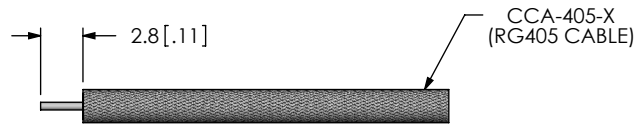
TABLE 1

ITEM	COMPONENT	-HF	-GF	-GN
1	SUB ASSEMBLY	SUB-SMA-P-C-F-ST-CA7	SUB-SMA-P-C-F-ST-CA7	SUB-SMA-P-C-NF-ST-CA7
2	PIN	SMA-PIN-008-H	SMA-PIN-008-G	SMA-PIN-008-G

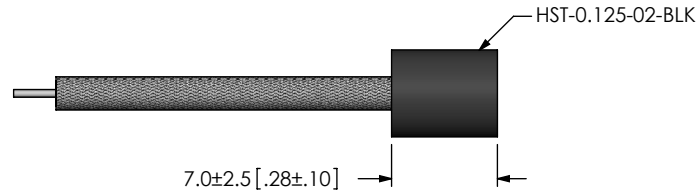
NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR CENTER CONTACT: 13.35N [3 LBS] MIN.
3. SEE SHEET 2 FOR TERMINATION INFORMATION.
4. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
5. RoHS COMPLIANT.
6. NOTE DELETED.
7. NOTE DELETED.

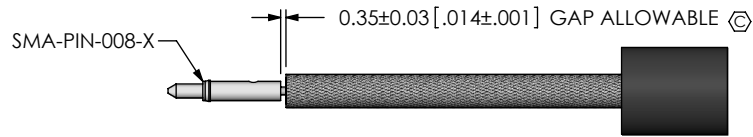
<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES]</p> <p>TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.X: ±0.3 [.01] 5°</p> <p>.XX: ±0.13 [.005]</p> <p>.XXX: ±0.051 [.0020]</p>	<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. 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.</p>	 <p>520 PARK EAST BLVD., NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p>	
		<p>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1</p> <p>CABLE BODY, NUT: BRASS CONTACT: BRASS DIELECTRIC: PTFE GASKET: SILICONE RING: STAINLESS STEEL</p>	<p>DESCRIPTION: SMA 50 OHM, STRAIGHT PLUG FOR RG405</p> <p>DWG. NO. SMA-P-C-XX-ST-CA7</p>
<p>BY: G. HERMAN 03/03/2009</p>		<p>SHEET 1 OF 2</p>	



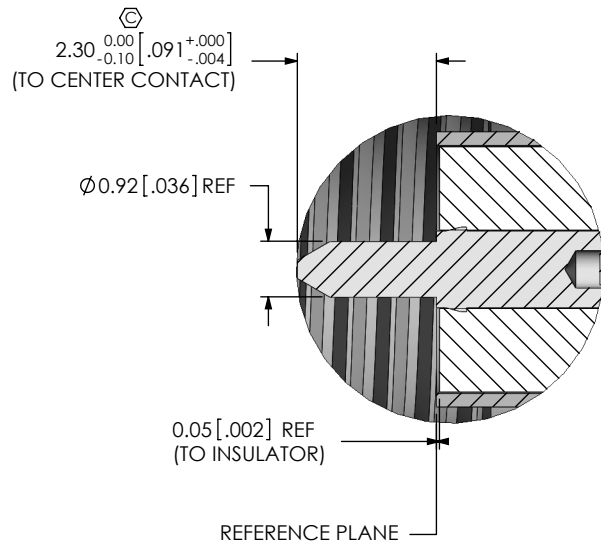
IN PROCESS 1
STRIP AND TIN INNER CONDUCTOR



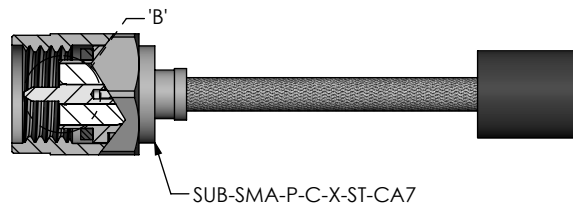
IN PROCESS 2
ADD HEAT SHRINK TUBE



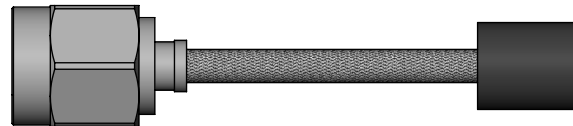
IN PROCESS 3
SOLDER SIGNAL PIN



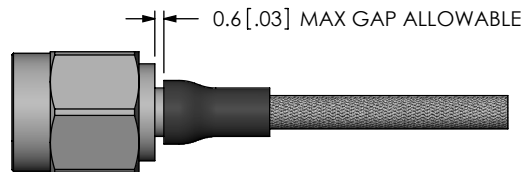
DETAIL 'B'
SCALE 8 : 1



IN PROCESS 4
ADD SUB-SMA-P-C-X-ST-CA7



IN PROCESS 5
SOLDER SUB ASSEMBLY



IN PROCESS 6
APPLY HEAT SHRINK TUBING

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



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

DESCRIPTION:
SMA 50 OHM, STRAIGHT PLUG FOR RG405

DWG. NO.
SMA-P-C-XX-ST-CA7

BY: G. HERMAN 03/03/2009 SHEET 2 OF 2