

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)

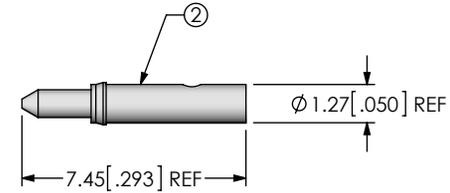
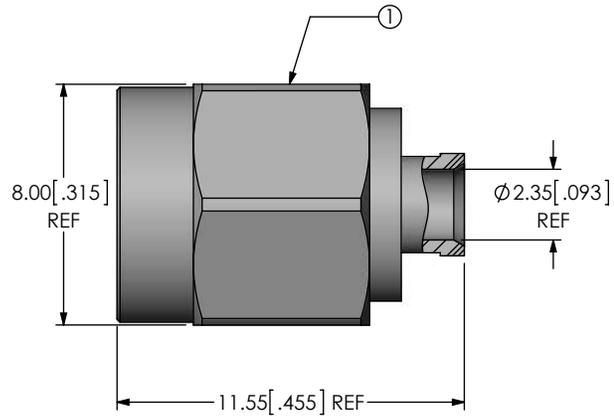


TABLE 1

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.
- PUSHOUT FORCE FOR CENTER CONTACT: 13.35N [3 LBS] MIN.
- SEE SHEET 2 FOR TERMINATION INFORMATION.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
- RoHS COMPLIANT.
- NOTE DELETED.
- NOTE DELETED.

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

**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 4:1  
 CABLE BODY, NUT: BRASS  
 CONTACT: BRASS  
 DIELECTRIC: PTFE  
 GASKET: SILICONE  
 RING: STAINLESS STEEL

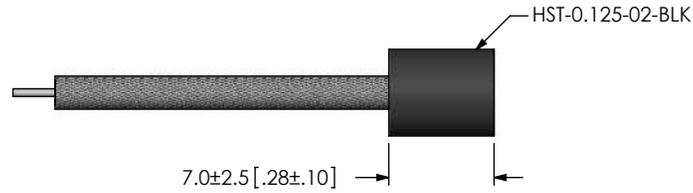
DESCRIPTION:  
 SMA 50 OHM, STRAIGHT PLUG FOR RG405

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

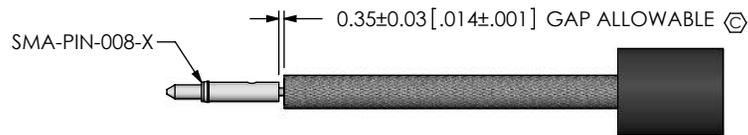
BY: G. HERMAN 03/03/2009 SHEET 1 OF 2



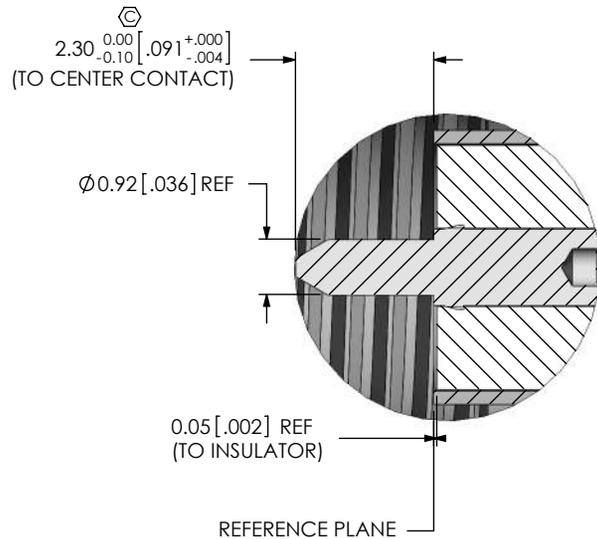
IN PROCESS 1  
STRIP AND TIN INNER CONDUCTOR



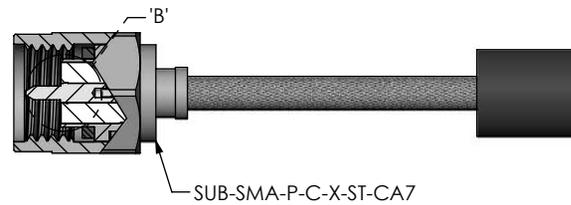
IN PROCESS 2  
ADD HEAT SHRINK TUBE



IN PROCESS 3  
SOLDER SIGNAL PIN



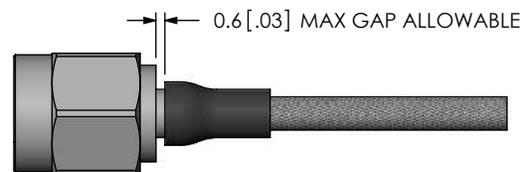
DETAIL 'B'  
SCALE 8 : 1



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



IN PROCESS 5  
SOLDER SUB ASSEMBLY



IN PROCESS 6  
APPLY HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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