



DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

SMA-P-C-XX-ST-CA1S

GENDER  
-P: PLUG

TYPE  
-C: CABLE

TERMINATION  
-CA1S: CCA-316-S  
(RG-316 CABLE, DOUBLE SHIELD)

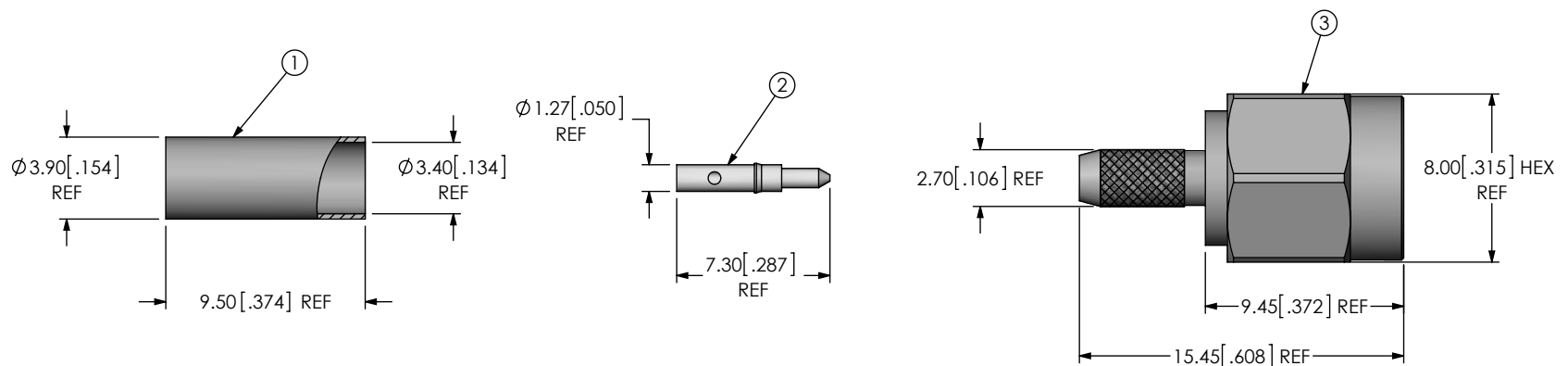
ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION  
-HF: 30µ" GOLD CENTER CONTACT,  
3µ" GOLD OUTER CONTACT  
(SEE TABLE 1)

TABLE 1


ITEM	COMPONENT	-HF
1	FERRULE	SMA-FER-004-F
2	PIN	SMA-PIN-001-H
3	SUB ASSEMBLY	SUB-SMA-P-C-F-ST-CA1

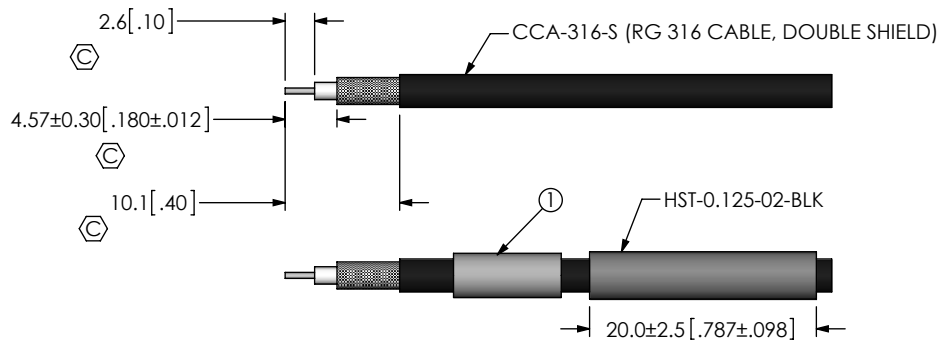
DO NOT  
SCALE FROM  
THIS PRINT



NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- PRODUCT TO BE PACKAGED PER PACKING STANDARD CO-RF-WI-3040-M.
- FERRULE AND PIN TO BE PACKAGED SEPARATELY.

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.</p> <p>TOLERANCES ARE:</p> <table border="0"> <tr> <td>DECIMALS</td> <td>ANGLES</td> </tr> <tr> <td>X.X: ±0.3 [.01]</td> <td>5°</td> </tr> <tr> <td>X.XX: ±0.13 [.005]</td> <td></td> </tr> <tr> <td>X.XXX: ±0.051 [.0020]</td> <td></td> </tr> </table>	DECIMALS	ANGLES	X.X: ±0.3 [.01]	5°	X.XX: ±0.13 [.005]		X.XXX: ±0.051 [.0020]		<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>
DECIMALS	ANGLES									
X.X: ±0.3 [.01]	5°									
X.XX: ±0.13 [.005]										
X.XXX: ±0.051 [.0020]										
<p>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1</p> <p>CABLE BODY, NUT, FERRULES, PIN: BRASS INSULATOR: PTFE GASKET: SILICONE RING: STAINLESS STEEL</p>	<p>DESCRIPTION: SMA ST PLUG, RG 316 CABLE, DOUBLE SHIELD, - 50 OHM</p> <p>DWG. NO. <b>SMA-P-C-XX-ST-CA1S</b></p>	<p>BY: EMMA CHEN 3/20/2013 SHEET 1 OF 2</p>								

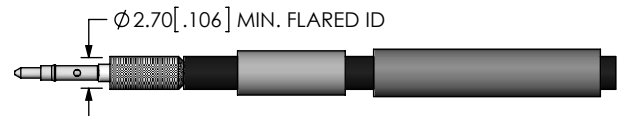


IN-PROCESS 1  
STRIP AND TIN INNER CONDUCTOR

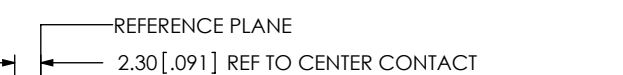
IN-PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



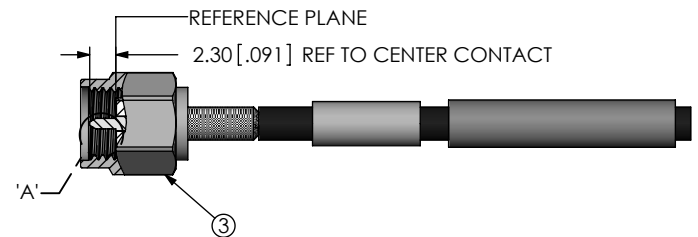
IN-PROCESS 3  
SOLDER SIGNAL PIN



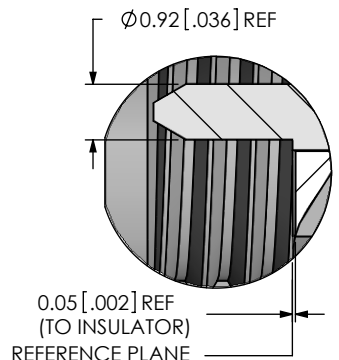
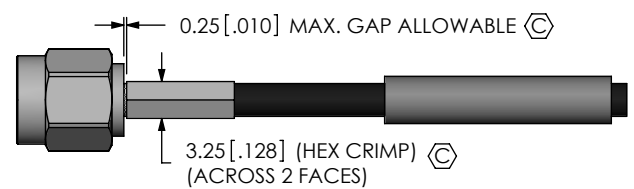
IN-PROCESS 4  
FLARE SHIELD



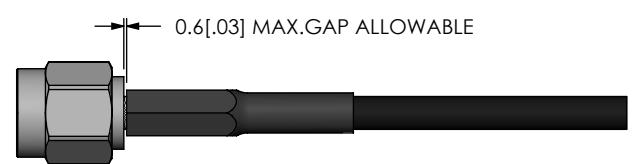
IN-PROCESS 5  
ADD SUB ASSEMBLY



IN-PROCESS 6  
CRIMP FERRULE  
(USE RF CRIMP HAND TOOL # CAT-HT-126667-21 OR EQUIVALENT)  
(USE .128 [ HEX DIE])




DETAIL 'A'  
SCALE 8:1



IN-PROCESS 7  
APPLY HEAT SHRINK TUBING

F:\DWG\MISC\MKTG\SMA-P-C-XX-ST-CA1S-MKT.SLDDRW

<p><b>PROPRIETARY NOTE</b> 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>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 1.5:1</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>DESCRIPTION: SMA ST PLUG, RG 316 CABLE, DOUBLE SHIELD, - 50 OHM</p> <p>DWG. NO. <b>SMA-P-C-XX-ST-CA1S</b></p>	
<p>BY: EMMA CHEN 3/20/2013</p>		<p>SHEET 2 OF 2</p>