

DO NOT SCALE FROM THIS PRINT

**THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING**

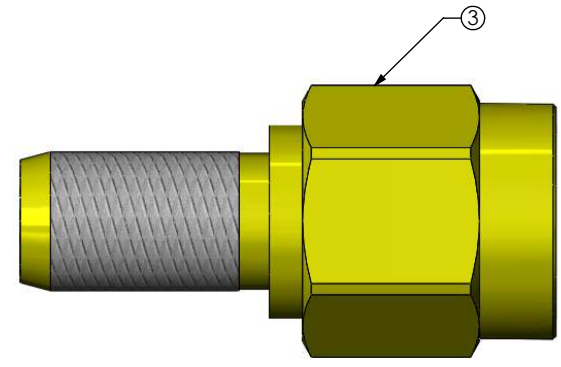
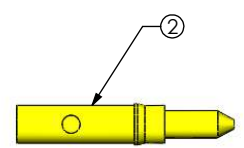
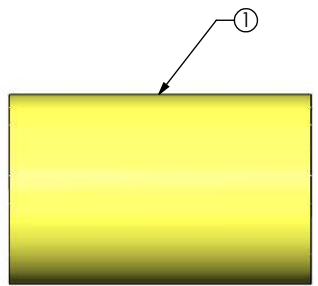
**DESIGNED & DIMENSIONED IN MILLIMETERS(INCHES)**

**SMA-P-C-XX-ST-C10**

GENDER -P: PLUG  
 TYPE -C: CABLE  
 TERMINATION -C10: RG58 CABLE  
 ORIENTATION -ST: STRAIGHT


**C** PLATING SPECIFICATION  
 -H: HEAVY GOLD/NICKEL  
 30µ" AU / 50µ" NI MIN ON CENTER CONTACT,  
 3µ" AU / 50µ" NI MIN ON OUTER CONTACT,  
 -GF: GOLD/FLASH GOLD/NICKEL  
 10µ" AU / 50µ" NI MIN ON CENTER CONTACT,  
 3µ" AU / 50µ" NI MIN ON OUTER CONTACT,

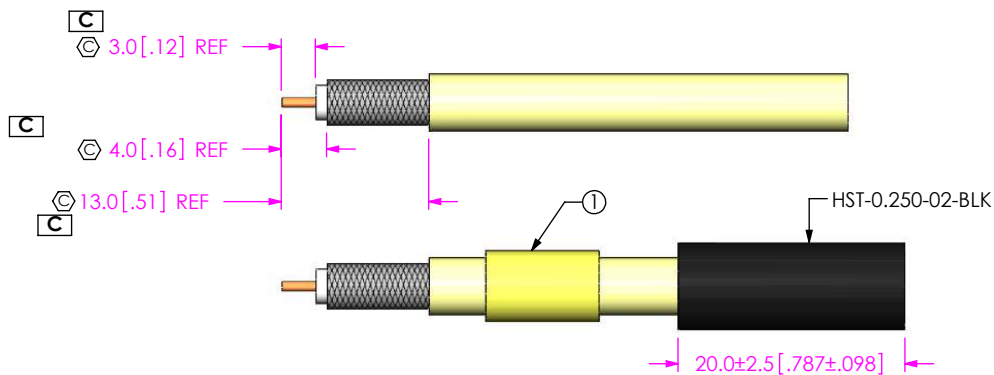
TABLE 1			
ITEM	COMPONENT	-H	-GF
1	FERRULE	TNC-FER-003-F	TNC-FER-003-F
2	PIN	SMA-PIN-010-H	SMA-PIN-010-G
3	SUB ASSEMBLY	SUB-SMA-P-C-F-ST-C10	SUB-SMA-P-C-F-ST-C10



NOTES: **C**

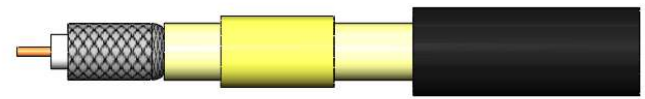
- 1. REPRESENTS A CRITICAL DIMENSION.
- 2. NOTE DELETED.
- 3. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040M.
- 4. NOTE DELETED.
- 5. NOTE DELETED.
- 6. NOTE DELETED.

<p><small>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (INCHES). TOLERANCES ARE:</small></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><b>PROPRIETARY NOTE</b></p> <p><small>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.</small></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><b>MATERIAL:</b>      DO NOT SCALE DRAWING      SHEET SCALE: 3:1</p> <p>BODY, FERRULE, NUT: BRASS                  CONTACT: BRASS                  DIELECTRIC: PTFE                  GASKET: SILICONE                  RING: STAINLESS STEEL</p>		<p>DESCRIPTION:                  SMA 50 OHM STRAIGHT PLUG FOR RG58</p> <p>DWG. NO.  <b>SMA-P-C-XX-ST-C10</b></p>
<p>BY: ALVIN W    08/05/2010</p>		<p>SHEET 1 OF 2</p>



IN PROCESS 1  
STRIP AND TIN INNER CONDUCTOR

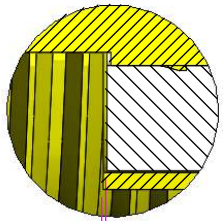
IN PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



IN PROCESS 3  
FLARE SHIELD

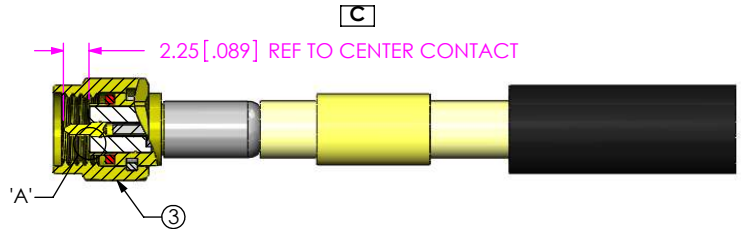


IN PROCESS 4  
SOLDER SIGNAL PIN



0.05 [.002] REF  
(TO INSULATOR)

DETAIL 'A'  
SCALE TO: 1



IN PROCESS 5  
ADD SUB-SMA-P-C-X-ST-C10



IN PROCESS 6  
CRIMP FERRULE  
(USE RF CRIMP HAND TOOL # CAT-HT-126667-21 OR EQUIVALENT)



IN PROCESS 7  
APPLY HEAT SHRINK TUBING

C

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DO NOT SCALE DRAWING  
SHEET SCALE: 3:2



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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:  
SMA 50 OHM STRAIGHT PLUG FOR RG58

DWG. NO. SMA-P-C-XX-ST-C10

BY: ALVIN W 08/05/2010 SHEET 2 OF 2