

DO NOT SCALE FROM THIS PRINT

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

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SMA-P-C-X-ST-CA1

GENDER  
-P: PLUG

TERMINATION  
-CA1: CABLE  
(RG174 OR RG316)

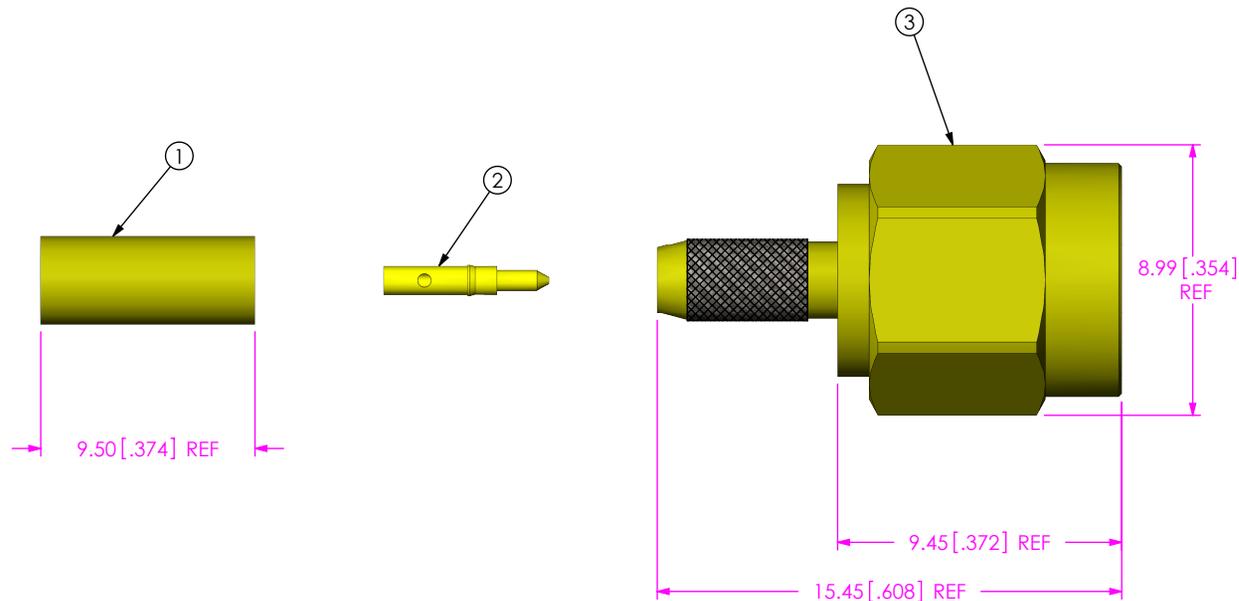
TYPE  
-C: CABLE

ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION

-H: HEAVY GOLD  
30µ" Au / 50µ" Ni MIN ON PIN  
3µ" Au / 50µ" Ni MIN ON OUTER CONTACT  
(SEE TABLE 1)

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

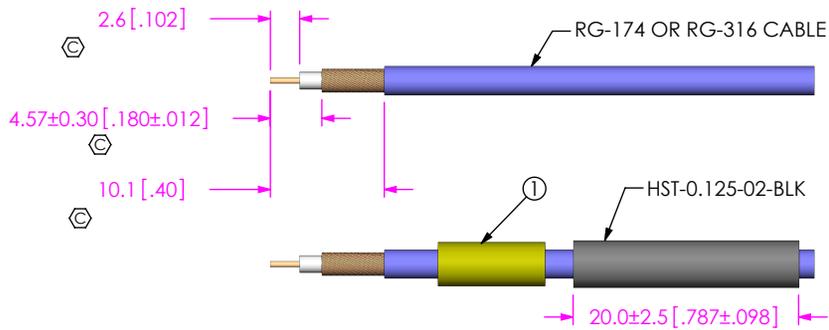


NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- CENTER CONTACT PUSHOUT FORCE: 13.35 N [3 LB] MIN.
- NOTE DELETED.
- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.

F:\DWG\MISC\MKTG\SMA-P-C-X-ST-CA1-MKT.SLDDRW

<p>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]</p>	<p>PROPRIETARY NOTE THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS 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: 3:1 SHELL, FERRULE: BRASS CONTACT: BRASS DIELECTRIC: PTFE GASKET: SILICONE</p>		<p>DESCRIPTION: SMA STRAIGHT CABLE PLUG, RG174 &amp; RG316- 50 OHM DWG. NO. SMA-P-C-X-ST-CA1</p>
<p>BY: R MUSSER 01/22/2008</p>		<p>SHEET 1 OF 2</p>

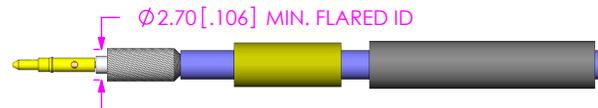


IN-PROCESS 1  
STRIP AND TIN INNER CONDUCTOR

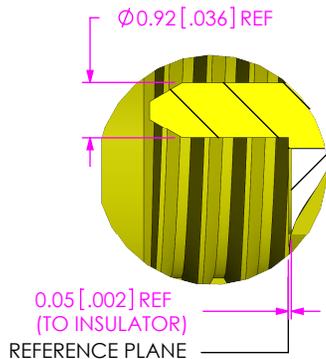
IN-PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



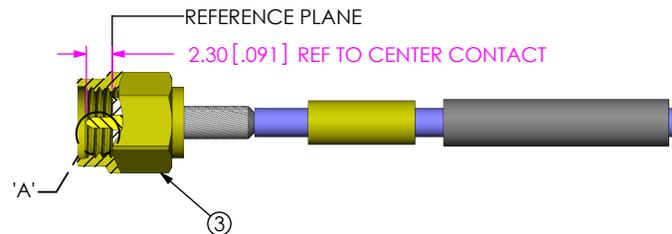
IN-PROCESS 3  
SOLDER SIGNAL PIN



IN-PROCESS 4  
FLARE SHIELD



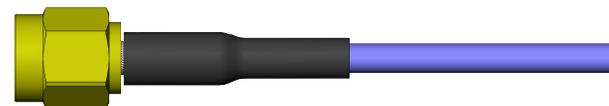
DETAIL 'A'  
SCALE 8:1



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



IN-PROCESS 6  
CRIMP FERRULE  
(USE RF CRIMP HAND TOOL # CAT-RF-FER-01 OR EQUIVALENT)  
(USE .128 [ HEX DIE])



IN-PROCESS 7  
APPLY HEAT SHRINK TUBING

F:\DWG\MISC\MKTG\SMA-P-C-X-ST-CA1-MKT.SLDDRW

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1



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 STRAIGHT CABLE PLUG, RG174 & RG316- 50 OHM

DWG. NO. SMA-P-C-X-ST-CA1

BY: R MUSSER 01/22/2008 SHEET 2 OF 2