

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

**DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]**

**SMA-J-C-X-ST-BR1**

DO NOT SCALE FROM THIS PRINT

**GENDER**  
-J: JACK

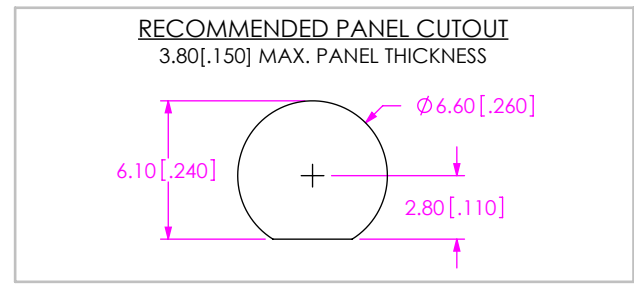
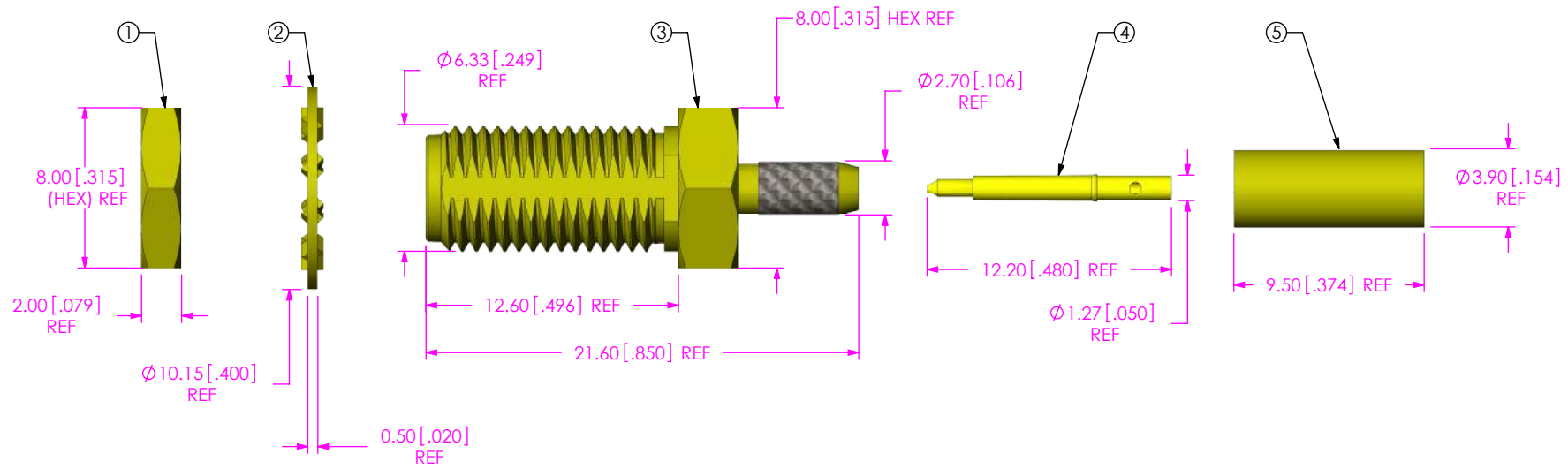
**TERMINATION**  
-BR1: REVERSED POLARITY BULKHEAD (RG174 OR RG316)

**TYPE**  
-C: CABLE

**ORIENTATION**  
-ST: STRAIGHT

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

TABLE 1		
ITEM	COMPONENT	-H
1	HEX NUT	SMA-NUT-001-F
2	LOCK WASHER	SMA-LWAS-001-F
3	SUB ASSEMBLY	SUB-SMA-J-C-F-ST-BH1
4	PIN	SMA-PIN-005-H
5	OUTER FERRULE	SMA-FER-001-F



- NOTES:
- ① 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.

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**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].**

**TOLERANCES ARE:**

DECIMALS	ANGLES
.X: ±0.3 [0.01]	5°
.XX: ±0.13 [0.005]	
.XXX: ±0.051 [0.0020]	

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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 3:1

SHELL, FERRULE, NUT, WASHER: BRASS  
CONTACT: BRASS  
DIELECTRIC: PTFE

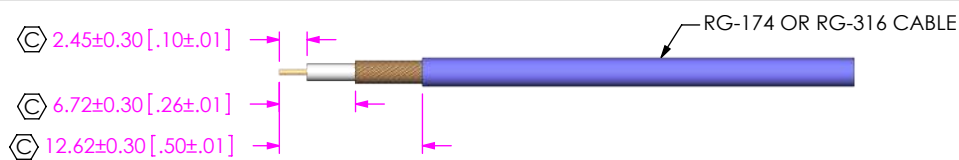
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:  
SMA STR JACK REV POLARITY, RG174 & RG316- 50 OHM

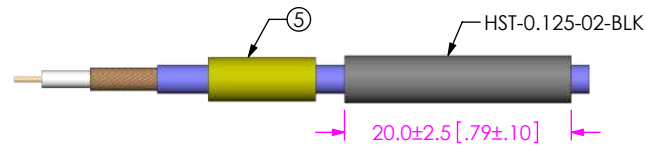
DWG. NO.  
**SMA-J-C-X-ST-BR1**

BY: R MUSSER 01/28/2008 SHEET 1 OF 2

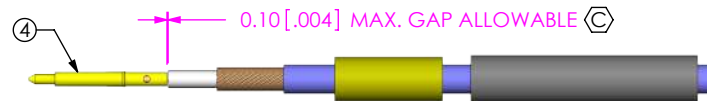
REVISION Q



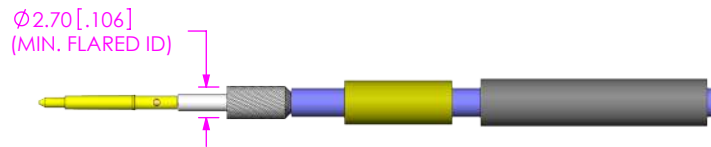
IN-PROCESS 1  
STRIP AND TIN INNER CONDUCTOR



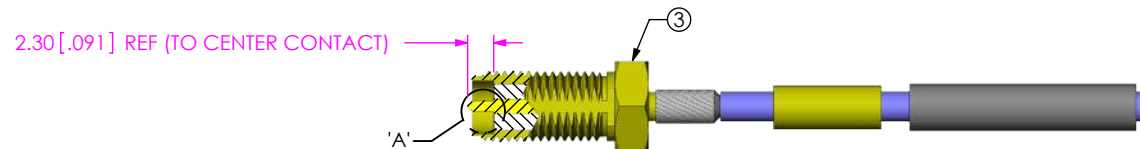
IN-PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



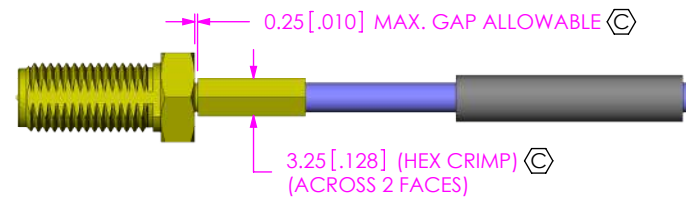
IN-PROCESS 3  
SOLDER SIGNAL PIN



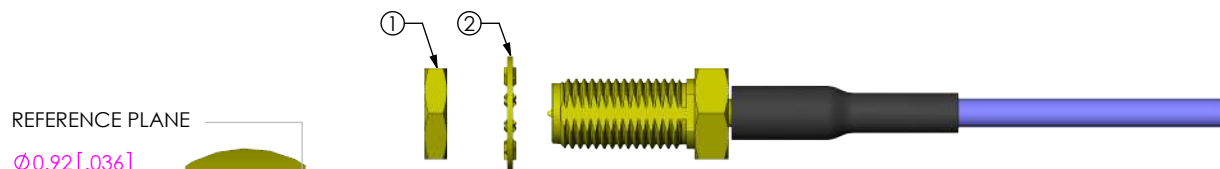
IN-PROCESS 4  
FLARE SHIELD



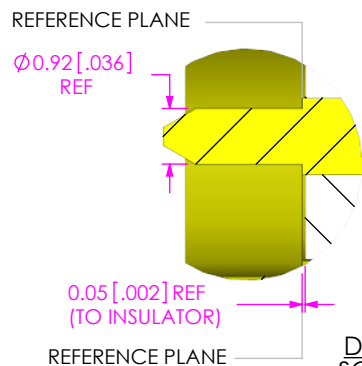
IN-PROCESS 5  
ADD SUB ASSEMBLY



IN-PROCESS 6  
CRIMP FERRULE  
(USE RF CRIMP HAND TOOL # CAT-RF-FER-01 OR EQUIVALENT)



IN-PROCESS 7  
APPLY HEAT SHRINK TUBING



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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1



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