

GENDER  
-P: PLUG

TERMINATION  
-CA1: CABLE  
(RG174 OR RG316)

TYPE  
-C: CABLE

ORIENTATION  
-ST: STRAIGHT

PLATING SPECIFICATION  
-H: 30μ" GOLD CENTER CONTACT,  
3μ" GOLD OUTER CONTACT  
-HN: 30μ" GOLD CENTER CONTACT,  
100μ" NICKEL OUTER CONTACT  
(SEE TABLE 1)

TABLE 1			
ITEM	COMPONENT	-H	-HN
1	SUB ASSEMBLY	SUB-MCX-P-C-F-ST-CA1	SUB-MCX-P-C-FN-ST-CA1
2	PIN	MCX-PIN-001-H	MCX-PIN-001-H
3	FERRULE	MCX-FER-001-F	MCX-FER-001-N

DO NOT SCALE FROM THIS PRINT

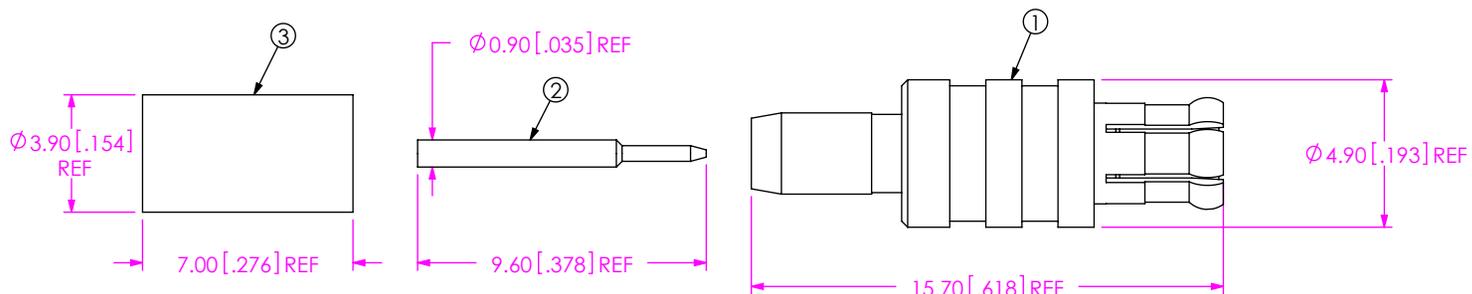


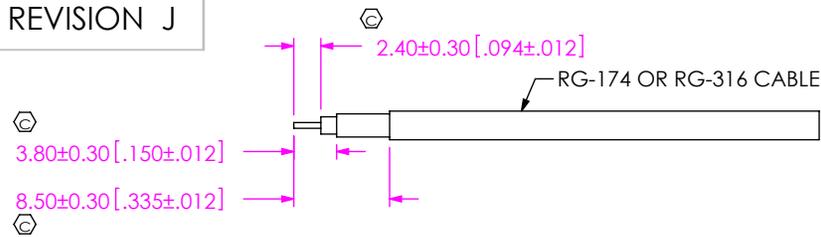
FIG1  
MCX-P-C-XX-ST-CA1 SHOWN

NOTES:

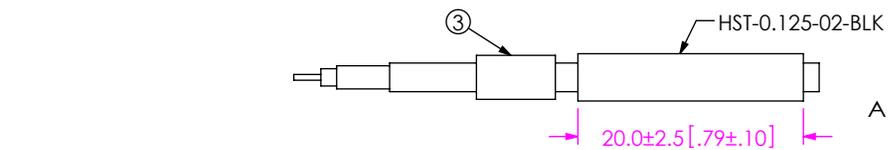
- ③ REPRESENTS A CRITICAL DIMENSION.
- CENTER CONTACT PUSHOUT FORCE: 10 N [2.25 LB] MIN.
- NOTE DELETED.
- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.

F:\DWG\MISC\MKTG\MCX-P-C-XX-ST-CA1-MKT.SLDDRW

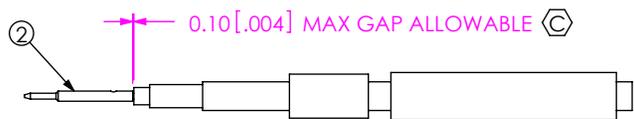
<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE: DECIMALS      ANGLES .X: ±0.3 [0.1]      5° .XX: ±0.13 [0.05] .XXX: ±0.051 [0.020]</p>	<p><b>PROPRIETARY NOTE</b> THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, 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><b>MATERIAL:</b> SHELL, FERRULE: BRASS CONTACT: BRASS DIELECTRIC: PTFE</p>	<p>DO NOT SCALE DRAWING      SHEET SCALE: 4:1</p>	<p>DESCRIPTION: MCX STRAIGHT CABLE PLUG, RG174 &amp; RG316- 50 OHM DWG. NO. <b>MCX-P-C-XX-ST-CA1</b> BY: R MUSSER    02/06/2008    SHEET 1 OF 2</p>



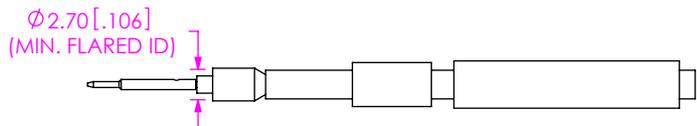
**IN-PROCESS 1**  
STRIP AND TIN INNER CONDUCTOR



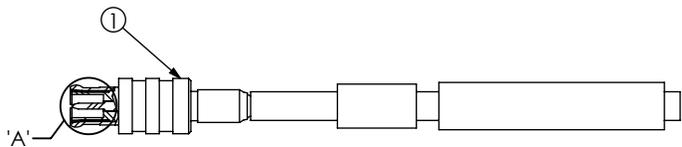
**IN-PROCESS 2**  
ADD HEAT SHRINK TUBE AND FERRULE



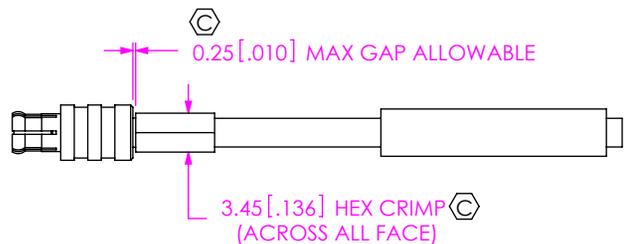
**IN-PROCESS 3**  
SOLDER SIGNAL PIN



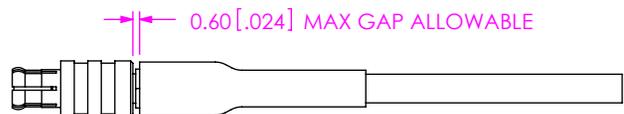
**IN-PROCESS 4**  
FLARE SHIELD



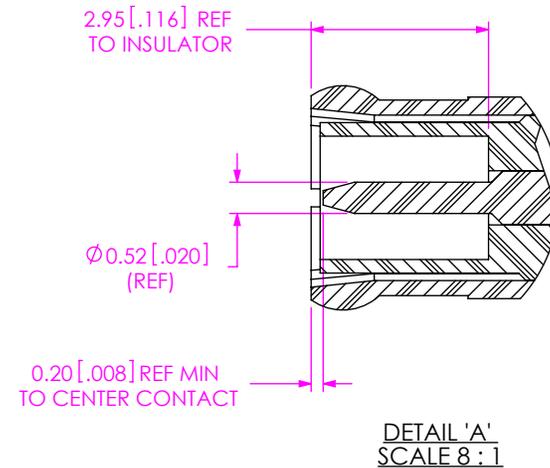
**IN-PROCESS 5**  
ADD SUB-ASSEMBLY  
(USE FIXTURE AS REQUIRED TO ASSURE  
CENTER CONTACT PIN LOCATION)



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



**IN-PROCESS 7**  
APPLY HEAT SHRINK TUBING



**DETAIL 'A'**  
SCALE 8:1

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DO NOT SCALE DRAWING

SHEET SCALE: 1:0.666667



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

DESCRIPTION:  
MCX STRAIGHT CABLE PLUG, RG174 & RG316- 50 OHM  
DWG. NO.

**MCX-P-C-XX-ST-CA1**

BY: R MUSSER 02/06/2008 SHEET 2 OF 2