

DO NOT SCALE FROM THIS PRINT

| 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 |

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA1: CABLE (RG174 OR RG316)

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)

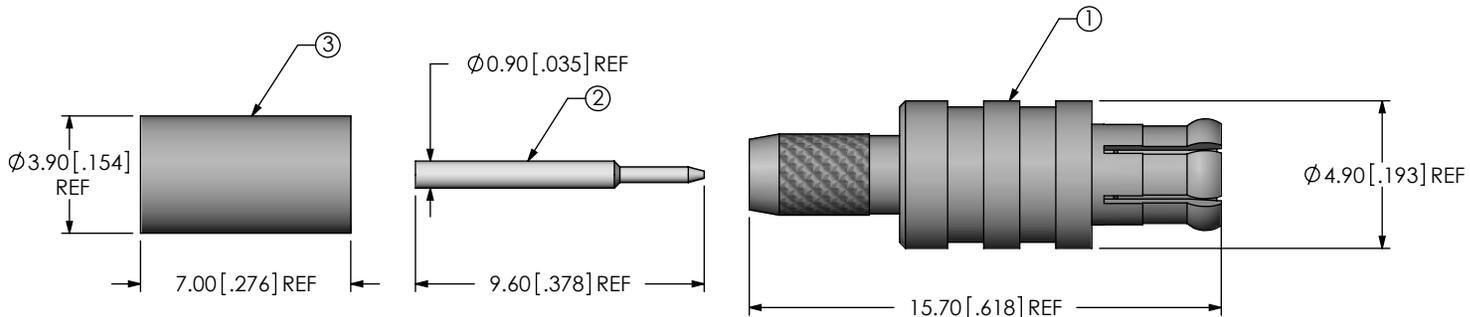


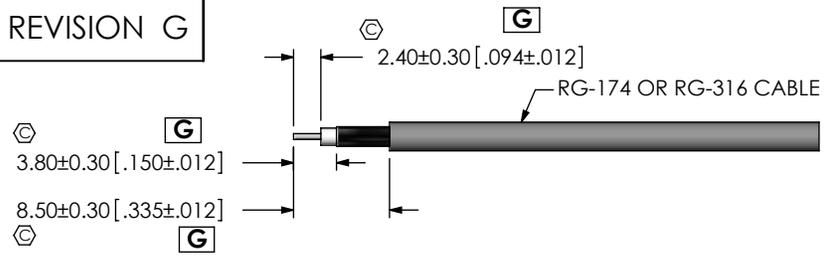
FIG1
MCX-P-C-XX-ST-CA1 SHOWN

- NOTES:
- ① 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-HD-WI-3040-M.
 - NOTE DELETED.
 - NOTE DELETED.
 - NOTE DELETED.

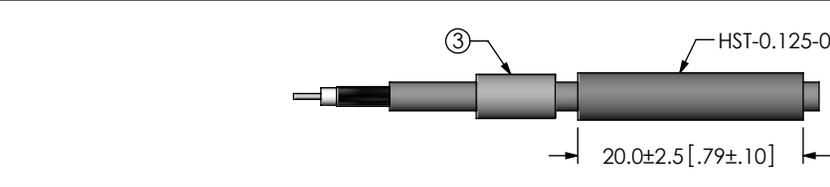
F:\DWG\MISC\MKTG\MCX-P-C-XX-ST-CA1-MKT.SLDDRW

| | | | |
|--|---|---|--|
| 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] | PROPRIETARY NOTE 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. |  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. <h3>MCX-P-C-XX-ST-CA1</h3> | |
| MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1 SHELL, FERRULE: BRASS CONTACT: BRASS DIELECTRIC: PTFE | | BY: R MUSSER 02/06/2008 SHEET 1 OF 2 | |

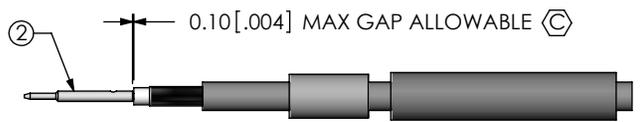
REVISION G



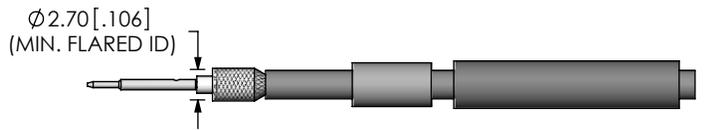
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



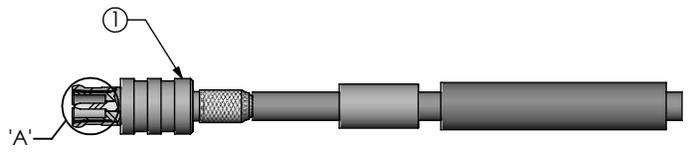
IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



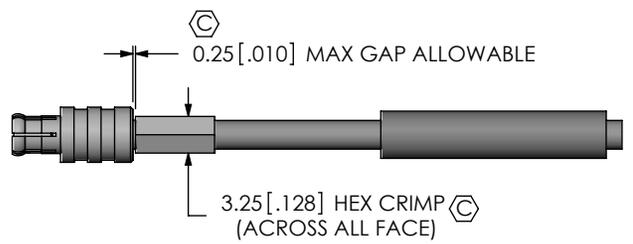
IN-PROCESS 3
SOLDER SIGNAL PIN



IN-PROCESS 4
FLARE SHIELD



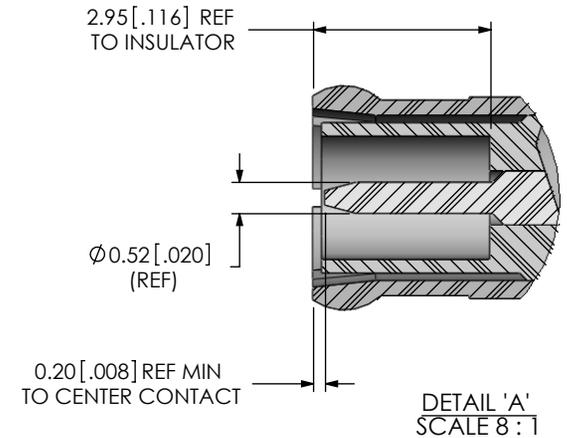
IN-PROCESS 5
ADD SUB-ASSEMBLY
(USE FIXTURE AS REQUIRED TO ASSURE
CENTER CONTACT PIN LOCATION)



IN-PROCESS 6
CRIMP FERRULE
(USE RF CRIMP HAND TOOL
CAT-HT-126667-21 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
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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