

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

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)

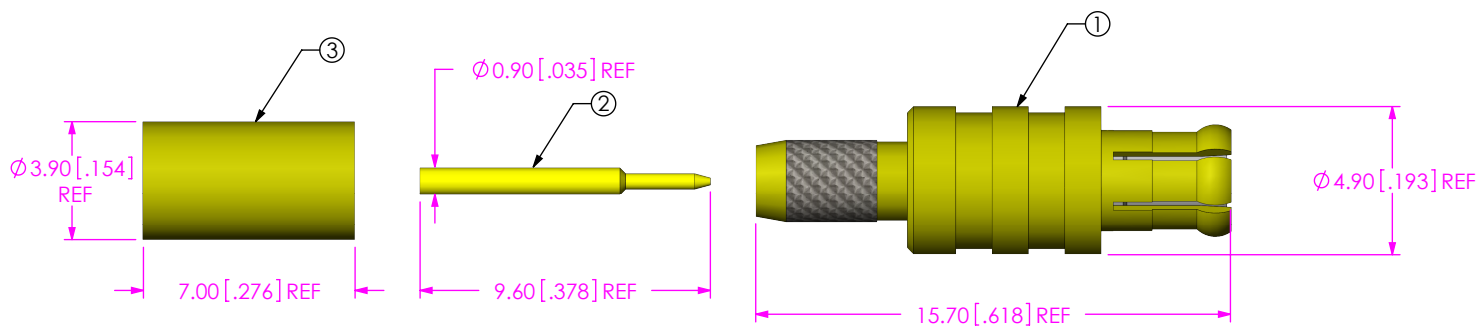



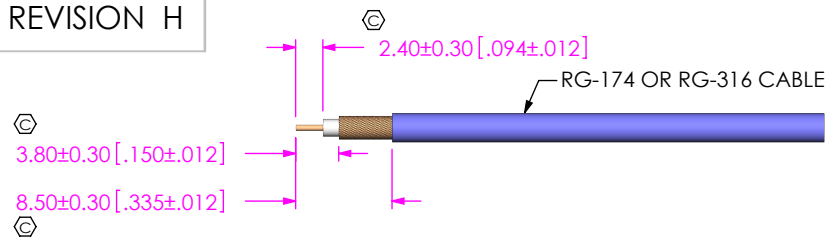
FIG1
MCX-P-C-XX-ST-CA1 SHOWN

NOTES:

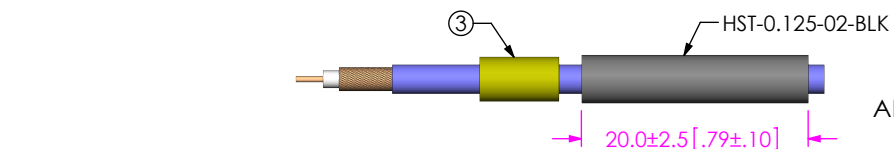
- ① REPRESENTS A CRITICAL DIMENSION.
- CENTER CONTACT PUSHOUT FORCE: 10 N [2.25 LB] MIN.
- NOTE DELETED.
- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
- NOTE DELETED.
- NOTE DELETED.
- NOTE DELETED.

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

| | | |
|---|--|---|
| <p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.X: ±0.3 [0.1] 5°</p> <p>.XX: ±0.13 [0.05]</p> <p>.XXX: ±0.051 [0.020]</p> | <p>PROPRIETARY NOTE</p> <p>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.</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: 4:1</p> <p>SHELL, FERRULE: BRASS CONTACT: BRASS DIELECTRIC: PTFE</p> | <p>DESCRIPTION: MCX STRAIGHT CABLE PLUG, RG174 & RG316- 50 OHM</p> <p>DWG. NO. MCX-P-C-XX-ST-CA1</p> <p>BY: R MUSSER 02/06/2008 SHEET 1 OF 2</p> | |



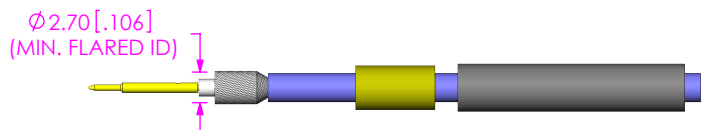
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



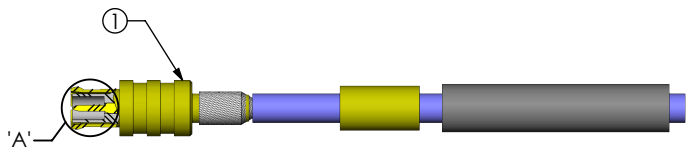
IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



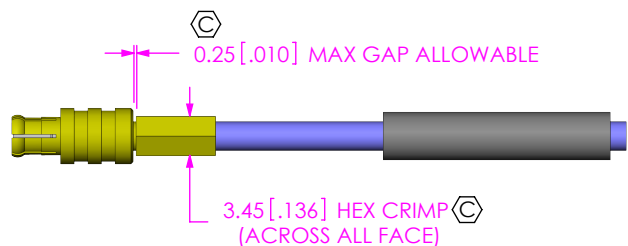
IN-PROCESS 3
SOLDER SIGNAL PIN



IN-PROCESS 4
FLARE SHIELD



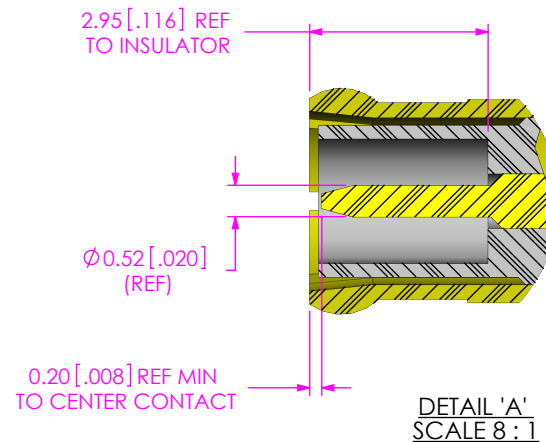
IN-PROCESS 5
ADD SUB-ASSEMBLY
(USE FIXTURE AS REQUIRED TO ASSURE
CENTER CONTACT PIN LOCATION)



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



IN-PROCESS 7
APPLY HEAT SHRINK TUBING



Ø2.70 [.106]
(MIN. FLARED ID)

0.10 [.004] MAX GAP ALLOWABLE

0.25 [.010] MAX GAP ALLOWABLE

3.45 [.136] HEX CRIMP
(ACROSS ALL FACE)

0.60 [.024] MAX GAP ALLOWABLE

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.

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