

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

MMCX-P-C-XX-ST-CA1

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA1: CABLE
(RG174 OR RG316)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION

-H: HEAVY GOLD
(MCX-FER-001-F)
(MMCX-PIN-001-H)
(SUB-MMCX-P-C-F-ST-CA1)

-HN: HEAVY GOLD/NICKEL (SEE NOTE 7 & 8)
(MCX-FER-001-N)
(MMCX-PIN-001-H)
(SUB-MMCX-P-C-FN-ST-CA1)

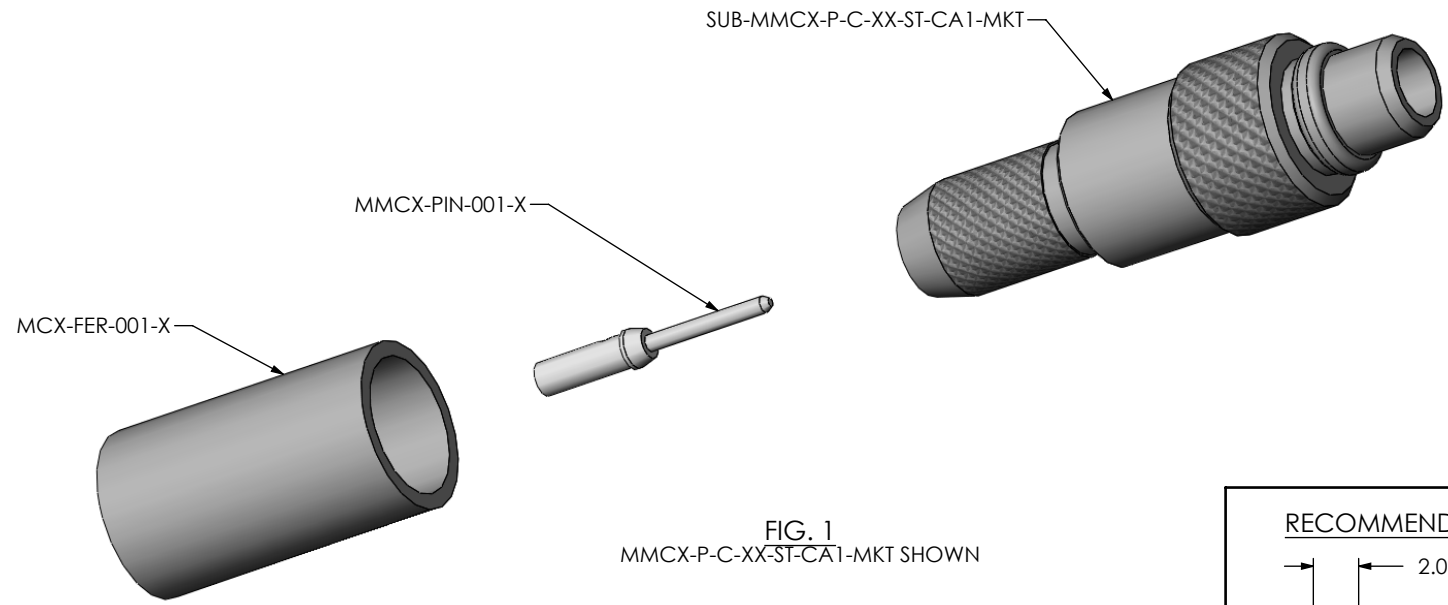
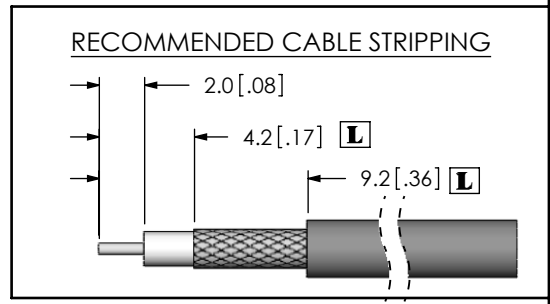



FIG. 1
MMCX-P-C-XX-ST-CA1-MKT SHOWN

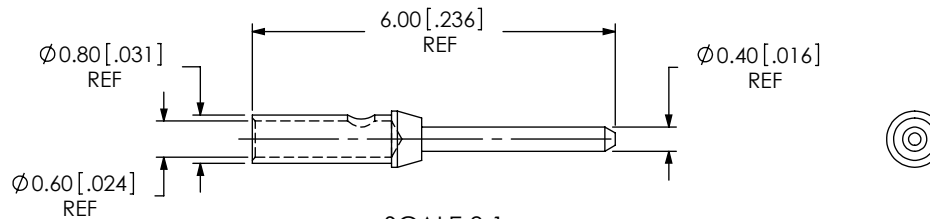


- NOTES:
1. (C) REPRESENTS A CRITICAL DIMENSION.
 2. PUSHOUT FORCE FOR CENTER CONTACT: 11.12 N [2.5 LB] MIN.
 3. SEE SHEET 3 FOR TERMINATION INFORMATION.
 4. NOTE DELETED.
 5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
 6. RoHS COMPLIANT.
 7. PLATING: -H: .000030" MIN GOLD OVER .000050" MIN NICKEL.
-F: .000003" MIN GOLD OVER .000050" MIN NICKEL.
-N: .000100" MIN NICKEL
 8. ASSEMBLY PLATING DESIGNATIONS:
-H: (CENTER CONTACT) -H
(OUTER CONTACT) -F
(REMAINING METAL PARTS) -F
-HN: (CENTER CONTACT) -H
(OUTER CONTACT) -F
(REMAINING METAL PARTS) -N

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

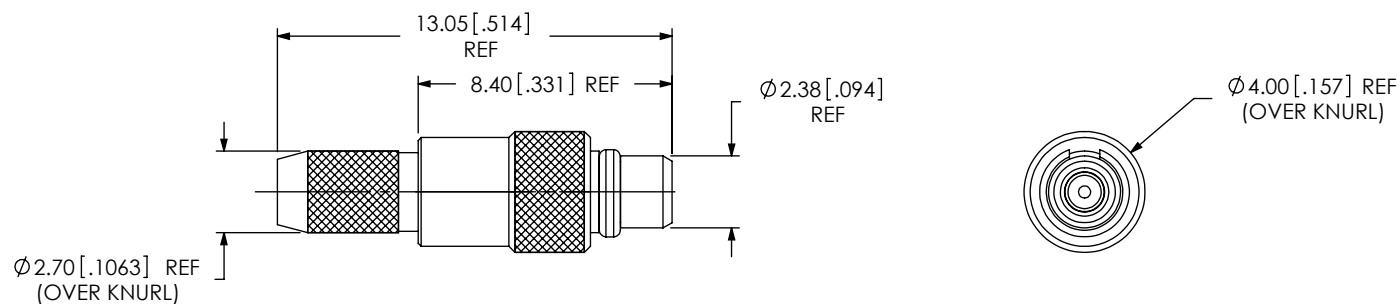
F:\DWG\MISC\MKTG\MMCX-P-C-XX-ST-CA1-MKT.SLDDRW

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.X: ±0.3 [.01] 2°</p> <p>.XX: ±0.13 [.005]</p> <p>.XXX: ±0.051 [.0020]</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: MMCX STR CABLE PLUG, RG174 & RG316- 50 OHM</p> <p>DWG. NO. MMCX-P-C-XX-ST-CA1</p>	<p>BY: R MUSSER 02/06/2008 SHEET 1 OF 3</p>



SCALE 8:1

SAMTEC PART NUMBER	ITEM
MMCX-PIN-001-X	PIN



SAMTEC PART NUMBER	ITEM
SUB-MMCX-P-C-X-ST-CA1	SUB ASSEMBLY



SECTION "B"- "B"

SAMTEC PART NUMBER	ITEM
MCX-FER-001-X	OUTER FERRULE

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SHEET SCALE: 4:1

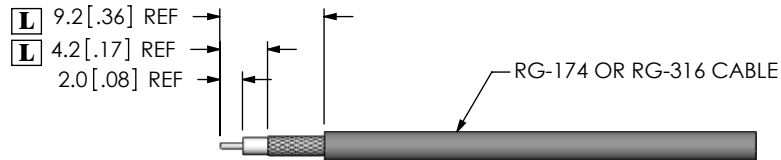


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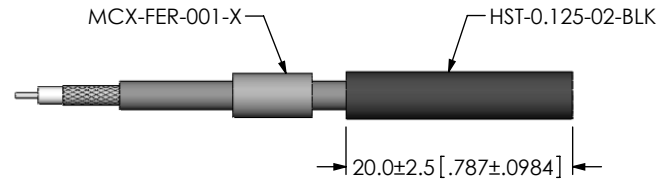
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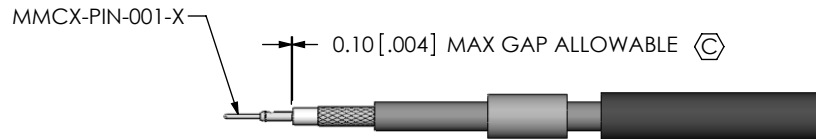
BY: R MUSSER 02/06/2008 SHEET 2 OF 3



STRIP AND TIN INNER CONDUCTOR



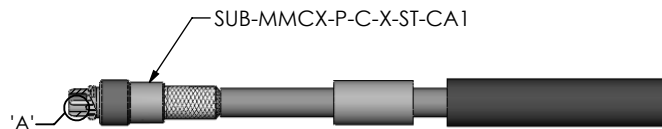
ADD HEAT SHRINK TUBE AND FERRULE



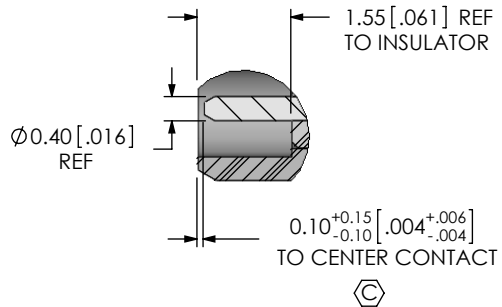
SOLDER SIGNAL PIN



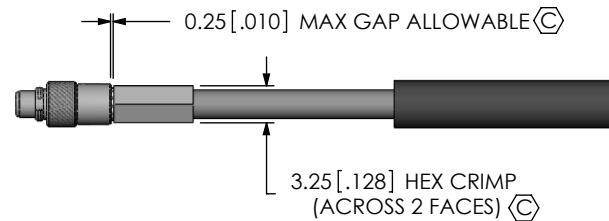
FLARE SHIELD



ADD SUB-MMCX-P-C-X-ST-CA1



DETAIL 'A'
SCALE 8:1



CRIMP FERRULE
(USE RF CRIMP HAND TOOL # CAT-HT-T26667-21 OR EQUIVALENT)



APPLY HEAT SHRINK TUBING

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

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SHEET SCALE: 1:0.666667



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