

DO NOT
SCALE FROM
THIS PRINT

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

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

TABLE 1

ITEM	COMPONENT	-H
1	SUB ASSEMBLY	SUB-MMCX-P-C-HF-RA-CA1
2	FERRULE	MCX-FER-002-F
3	INSULATOR	MMCX-INS-001
4	CAP	MMCX-CAP-001-F

MMCX-P-C-X-RA-CA1

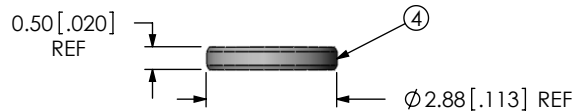
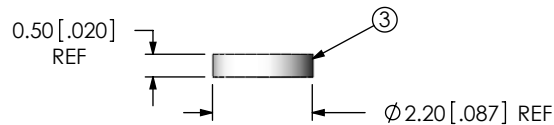
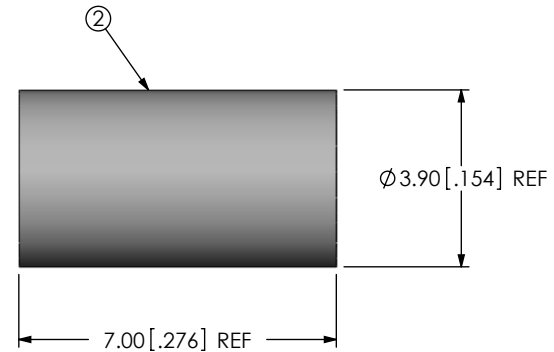
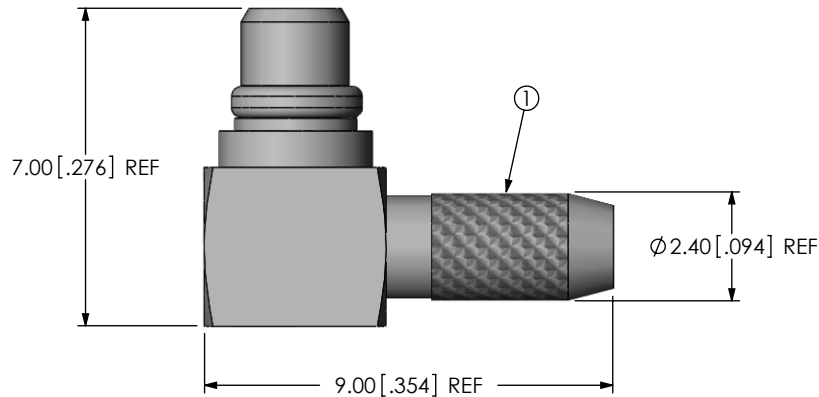
GENDER
-P: PLUG

TERMINATION
-CA1: CABLE
(RG174 OR RG316)

TYPE
-C: CABLE

ORIENTATION
-RA: RIGHT ANGLE

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



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. CENTER CONTACT PUSHOUT FORCE: 26.69 N [6LB] MIN
3. NOTE DELETED.
4. NOTE DELETED.
5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
6. NOTE DELETED.
7. NOTE DELETED.
8. NOTE DELETED.

F:\DWG\MISC\MKTG\MMCX-P-C-X-RA-CA1-MKT.SLDDRW

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.X: ±0.3 [.01] 5°</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>samtec</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>DESCRIPTION: MMCX R/A CABLE PLUG, RG174 & RG316- 50 OHM</p> <p>DWG. NO. MMCX-P-C-X-RA-CA1</p> <p>BY: R MUSSER 02/06/2008 SHEET 1 OF 2</p>



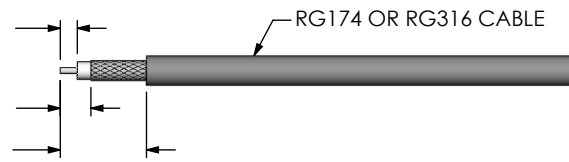
1.50±0.30 [.059±.012]



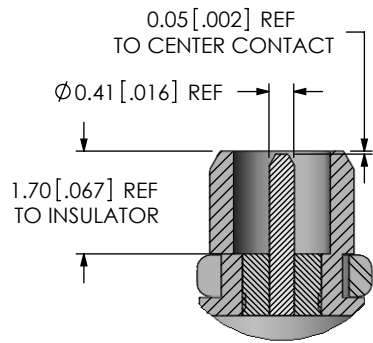
2.70±0.30 [.106±.012]



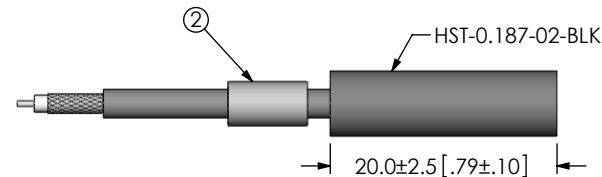
7.60±0.30 [.299±.012]



IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR

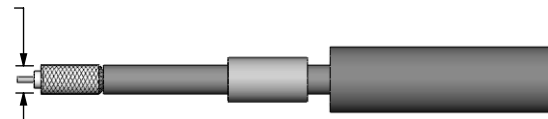


DETAIL 'A'
SCALE 8:1

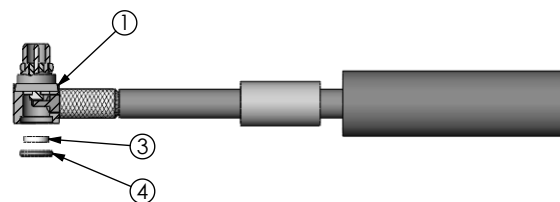


IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE

Ø2.40 [.094]
(MIN. FLARED ID)



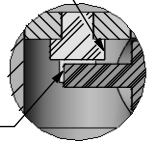
IN-PROCESS 3
FLARE SHIELD



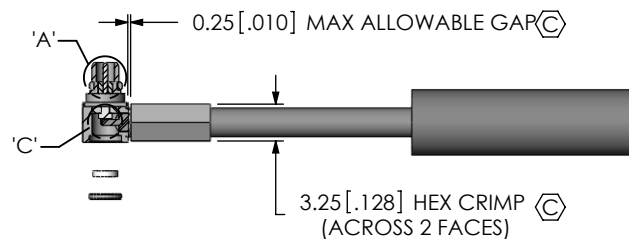
IN-PROCESS 4
ADD SUB ASSEMBLY

END OF CABLE DIELECTRIC
SHOULD NOT SEAT AGAINST
CONTACT CUP

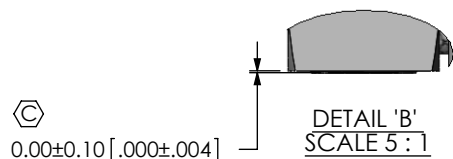
CABLE CENTER CONDUCTOR
SHOULD NOT PROTRUDE
OUTSIDE CONTACT CUP AFTER
FERRULE IS CRIMPED



DETAIL 'C'



IN-PROCESS 5
CRIMP FERRULE & SOLDER SIGNAL PIN
(USE RF CRIMP HAND TOOL # CAT-HT-126667-21)



DETAIL 'B'
SCALE 5:1

IN-PROCESS 6
INSERT INSULATOR AND CAP



0.6 [.03] MAX GAP ALLOWABLE



IN-PROCESS 7
APPLY HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 6:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail info@SAMTEC.com code 55322

DESCRIPTION:

MMCX R/A CABLE PLUG, RG174 & RG316- 50 OHM

DWG. NO.

MMCX-P-C-X-RA-CA1

BY: R MUSSER 02/06/2008

SHEET 2 OF 2