

REVISION S

DO NOT SCALE FROM THIS PRINT

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

MMCX-P-C-X-RA-CA1

GENDER
-P: PLUG

TERMINATION
-CA1: CABLE
(RG174 OR RG316)

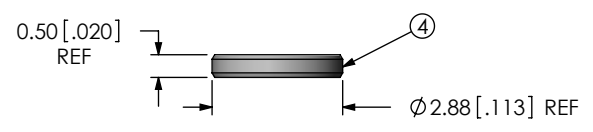
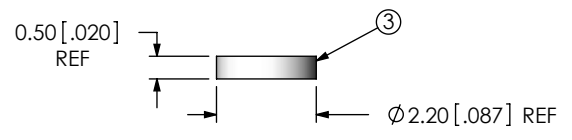
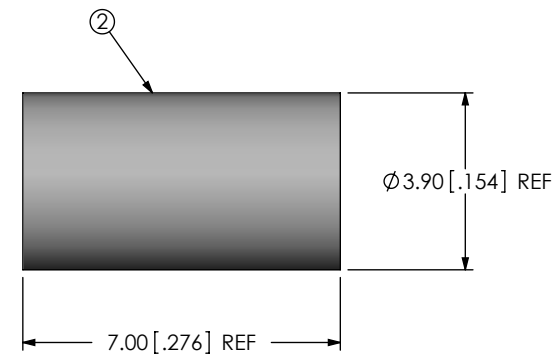
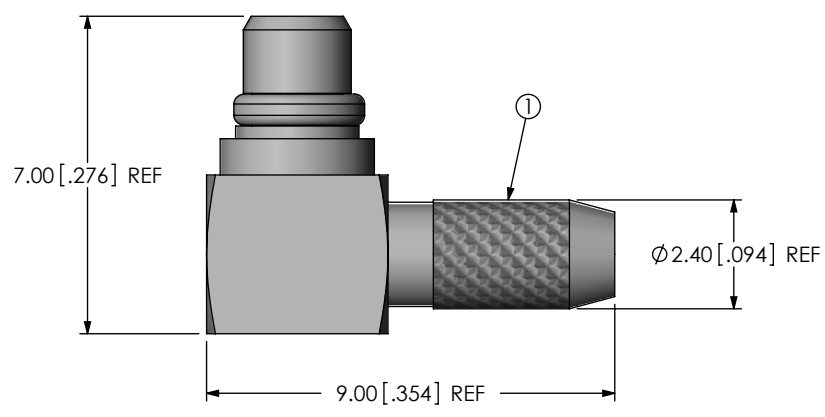
TYPE
-C: CABLE

ORIENTATION
-RA: RIGHT ANGLE

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

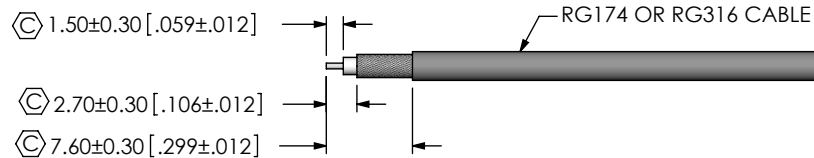
PLATING SPECIFICATION
-H: 30μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
(SEE TABLE 1)



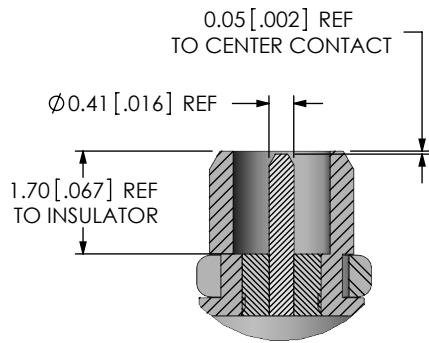
- NOTES:
- ⊕ REPRESENTS A CRITICAL DIMENSION.
 - CENTER CONTACT PUSHOUT FORCE: 26.69 N [6LB] MIN
 - NOTE DELETED.
 - NOTE DELETED.
 - PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
 - NOTE DELETED.
 - NOTE DELETED.
 - NOTE DELETED.

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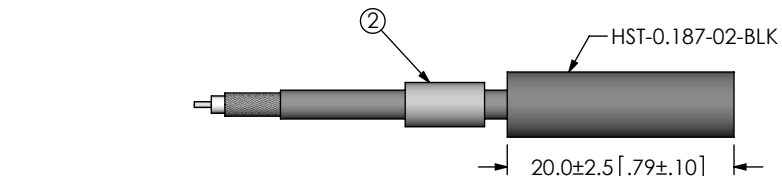
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE: DECIMALS ANGLES .X: ±0.3 [.01] 5° .XX: ±0.13 [.005] .XXX: ±0.051 [.0020]	PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS 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.	 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322	
		DESCRIPTION: MMCX R/A CABLE PLUG, RG174 & RG316- 50 OHM	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1 SHELL, FERRULE, CAP: BRASS CONTACT: BRASS DIELECTRIC: PTFE		DWG. NO. MMCX-P-C-X-RA-CA1	
		BY: R MUSSER 02/06/2008	SHEET 1 OF 2



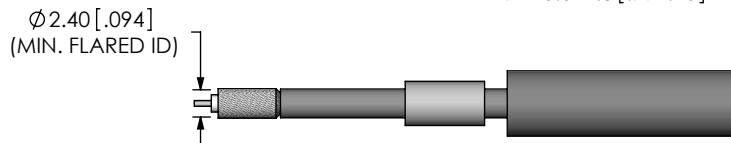
IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR



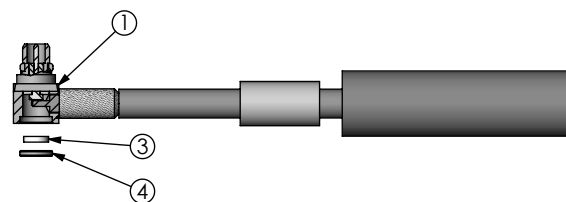
DETAIL 'A'
SCALE 8 : 1



IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



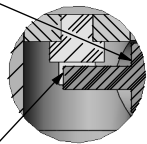
IN-PROCESS 3
FLARE SHIELD



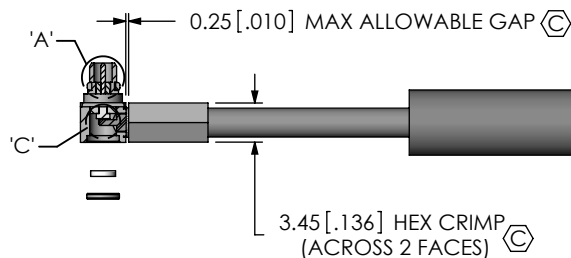
IN-PROCESS 4
ADD SUB ASSEMBLY

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'



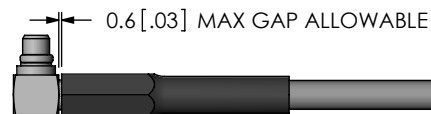
IN-PROCESS 5
CRIMP FERRULE & SOLDER SIGNAL PIN
(USE RF CRIMP HAND TOOL #CAT-RF-FER-001 AND 0.128" DIE SIZE)



DETAIL 'B'
SCALE 5 : 1



IN-PROCESS 6
INSERT INSULATOR AND CAP



IN-PROCESS 7
APPLY HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 6:1



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

DESCRIPTION:
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DWG. NO.
MMCX-P-C-X-RA-CA1

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