

DO NOT SCALE FROM THIS PRINT

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

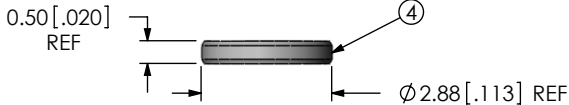
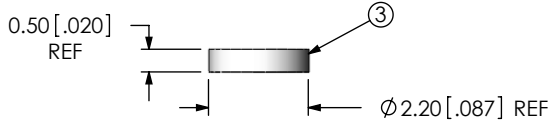
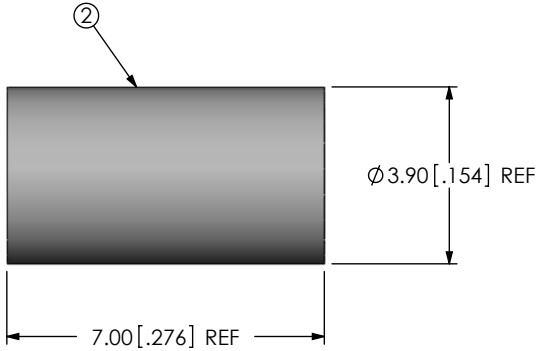
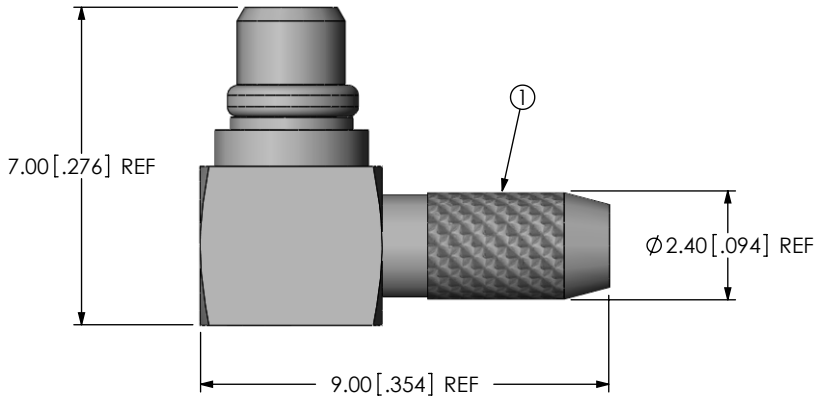
DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

MMCX-P-C-X-RA-CA1



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

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



- NOTES:
- ① 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.

F:\DWG\MISC\MKTG\MMCX-P-C-X-RA-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]

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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 6:1
 SHELL, FERRULE, CAP: BRASS
 CONTACT: BRASS
 DIELECTRIC: PTFE

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 1 OF 2



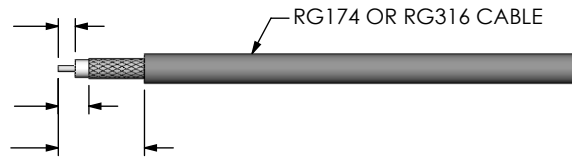
1.50±0.30 [.059±.012]



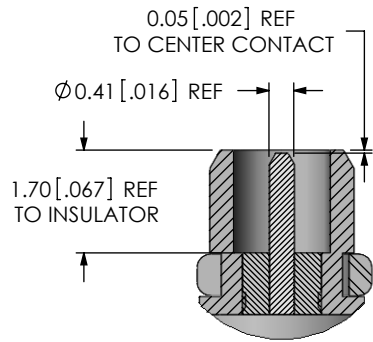
2.70±0.30 [.106±.012]



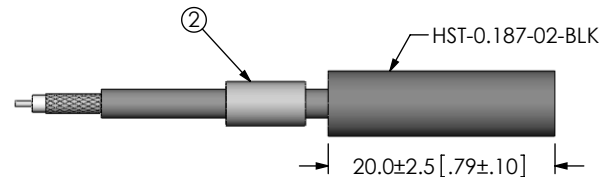
7.60±0.30 [.299±.012]



IN-PROCESS 1
STRIP AND TIN INNER CONDUCTOR

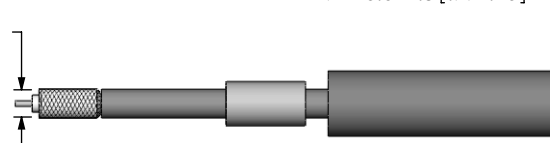


DETAIL 'A'
SCALE 8:1



IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE

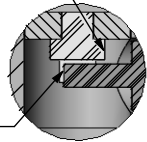
Ø2.40 [.094]
(MIN. FLARED ID)



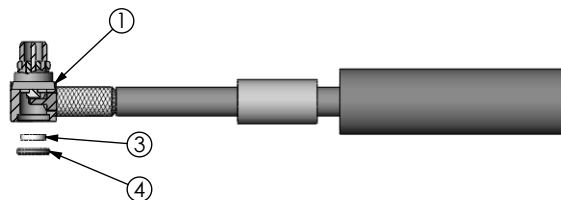
IN-PROCESS 3
FLARE SHIELD

END OF CABLE DIELECTRIC
SHOULD NOT SEAT AGAINST
CONTACT CUP

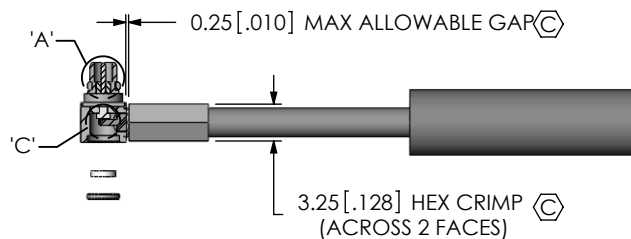
CABLE CENTER CONDUCTOR
SHOULD NOT PROTRUDE
OUTSIDE CONTACT CUP AFTER
FERRULE IS CRIMPED



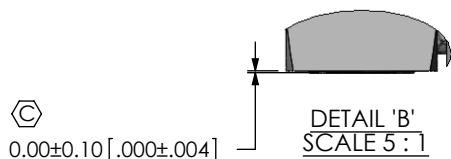
DETAIL 'C'



IN-PROCESS 4
ADD SUB ASSEMBLY



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



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