

DO NOT  
SCALE FROM  
THIS PRINT

TABLE 1			
ITEM	COMPONENT	-HF	-GF
1	SUB ASSEMBLY	SUB-GRF7V-P-C-HF-RA-CA3	SUB-GRF7V-P-C-GF-RA-CA3
2	FERRULE	MCX-FER-001-F	MCX-FER-001-N
3	INSULATOR	MMCX-INS-001	
4	CAP	MMCX-CAP-001-F	MMCX-CAP-001-N

**GENDER**  
-P: PLUG

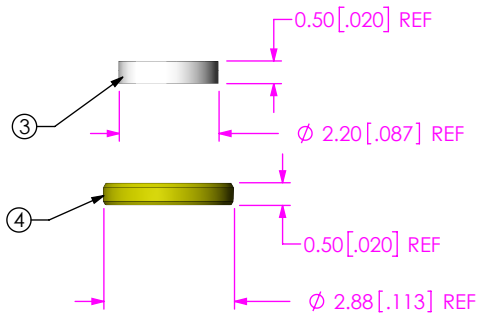
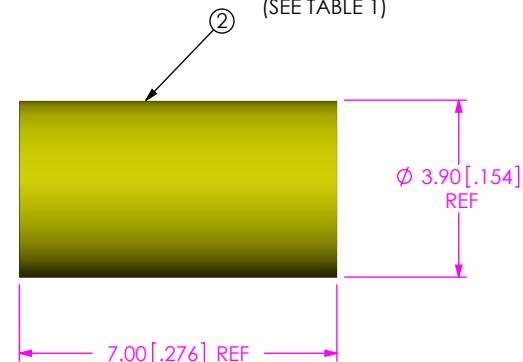
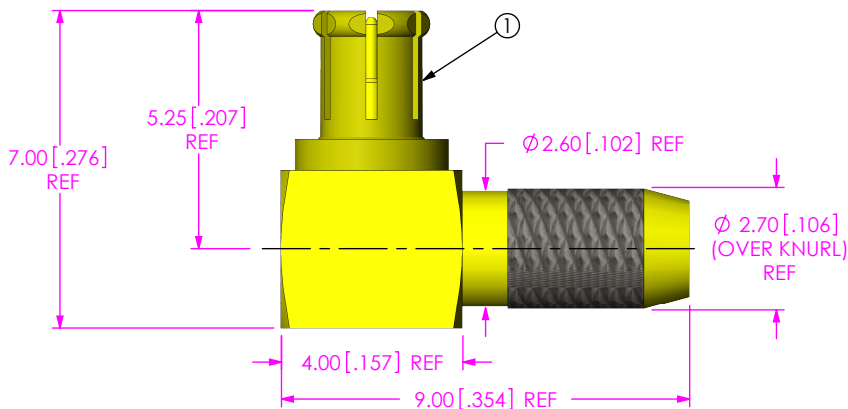
**TYPE**  
-C: CABLE

**PACKAGING**  
-BLANK: INDIVIDUALLY BAGGED  
-B: BULK PACKAGE (QTY=100 MAX)

**TERMINATION**  
-CA3: CABLE (RG179)

**ORIENTATION**  
-RA: RIGHT ANGLE

**PLATING SPECIFICATION**  
-HF: 30µ" GOLD CENTER CONTACT,  
3µ" GOLD OUTER CONTACT  
-GF: 10µ" GOLD CENTER CONTACT,  
3µ" GOLD OUTER CONTACT  
100µ" NICKEL REMAINING PARTS  
(SEE TABLE 1)



NOTES:

- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PRECISION RF SECTION OF PACKAGING MANUAL.
- NOTE DELETED.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS      ANGLES  
X.X: ±0.3 [.01]      5°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

PROPRIETARY NOTE

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

MATERIAL:      DO NOT SCALE DRAWING      SHEET SCALE: 6:1

SHELL: BeCu  
CABLE BODY, PIN, FERRULE, CAP: BRASS  
INSULATOR: PTFE

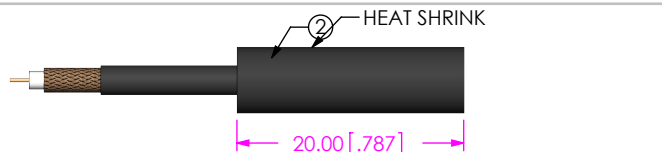
DESCRIPTION:  
TRUE 75 OHM, MMCX RIGHT ANGLE PLUG, RG179

DWG. NO.  
**MMCX7-P-C-XX-RA-CA3-X**

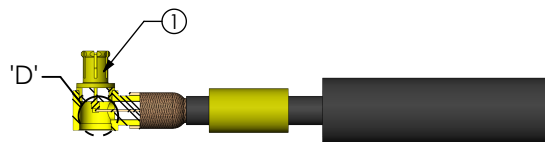
BY: ALVIN W      10/08/2011      SHEET 1 OF 3



IN PROCESS 1  
STRIP CABLE AND TIN INNER CONDUCTOR

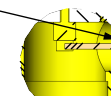


IN-PROCESS 2  
ADD HEAT SHRINK TUBE & FERRULE



IN-PROCESS 3  
FLARE SHIELD & ADD SUB ASSEMBLY

END OF CABLE DIELECTRIC  
SHOULD SEAT AGAINST  
CONTACT CUP

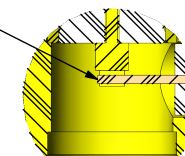


DETAIL 'D'  
SCALE 4 : 1



IN-PROCESS 4  
CRIMP FERRULE  
(USE CRIMP HAND TOOL #CAT-RF-FER-01, AND .128" DIE SIZE)

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



DETAIL 'E'  
SCALE 6 : 1



IN-PROCESS 5  
SOLDER SIGNAL SOCKET



IN-PROCESS 6  
PRESS INSULATOR AND CAP WITH CHAMFERED EDGE INWARDS



IN PROCESS 7  
ACTIVATE HEAT SHRINK

F:\DWG\MISC\MKTG\MMCX7-P-C-XX-RA-CA3-X-MKT.SLDDRW

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SHEET SCALE: 3:2

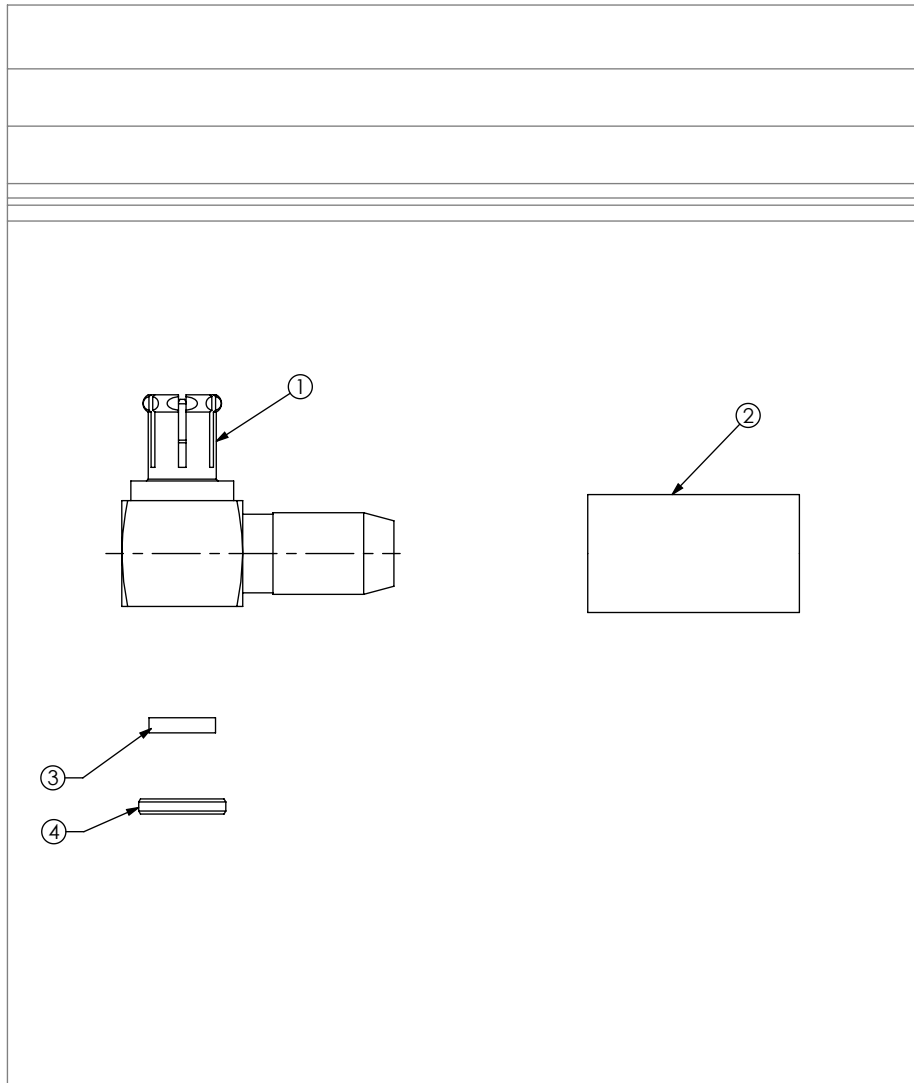


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TRUE 75 OHM, MMCX RIGHT ANGLE PLUG, RG179

DWG. NO.  
**MMCX7-P-C-XX-RA-CA3-X**

BY: ALVIN W 10/08/2011 SHEET 2 OF 3



PACKAGING VIEW  
MMCX7-P-C-XX-RA-CA3 SHOWN

F:\DWG\MISC\MKTG\MMCX7-P-C-XX-RA-CA3-X-MKT.SLDRW

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SHEET SCALE: 3:2



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