

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

MCX-P-C-XX-RA-CA2

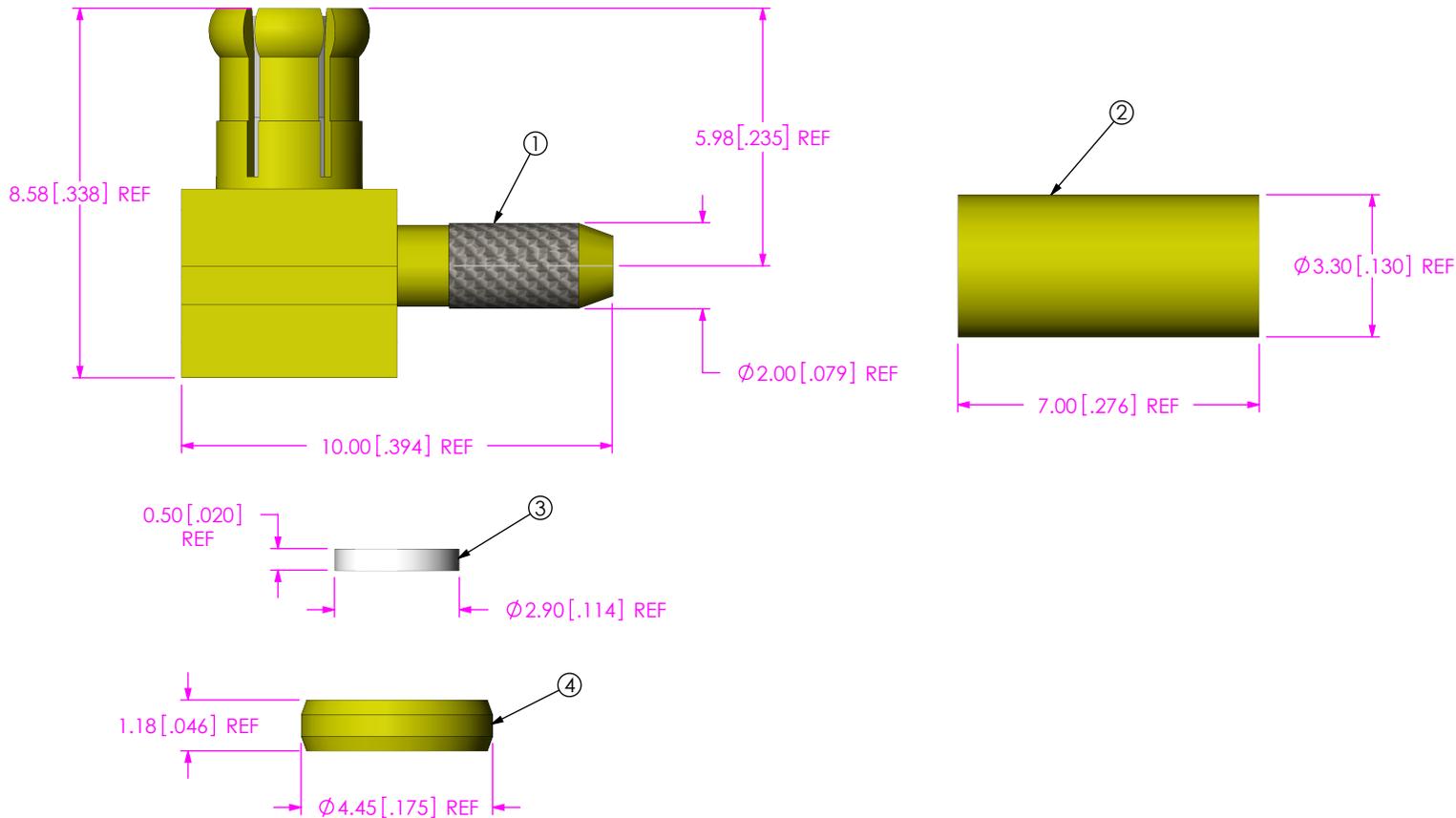
GENDER
-P: PLUG
TYPE
-C: CABLE

TERMINATION
-CA2: RG178 CABLE
ORIENTATION
-RA: RIGHT ANGLE

PLATING SPECIFICATION
-H: 30μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
-HN: 30μ" GOLD CENTER CONTACT,
100μ" NICKEL OUTER CONTACT
(SEE TABLE 1)

DO NOT
SCALE FROM
THIS PRINT

TABLE 1			
ITEM	COMPONENT	-H	-HN
1	SUB ASSEMBLY	SUB-MCX-P-C-H-RA-CA2	SUB-MCX-P-C-HN-RA-CA2
2	FERRULE	MCX-FER-005-F	MCX-FER-005-N
3	INSULATOR	MCX-INS-001	
4	CAP	MCX-CAP-002-F	MCX-CAP-002-N



NOTES:

1. NOTE DELETED.
2. NOTE DELETED.
3. NOTE DELETED.
4. NOTE DELETED.
5. PRODUCT TO BE BULK PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
6. NOTE DELETED.
7. NOTE DELETED.
8. NOTE DELETED.

F:\DWG\MISC\MKTG\MCX-P-C-XX-RA-CA2-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
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, FERRULE, CAP: BRASS
CONTACT: BRASS
DIELECTRIC: PTFE

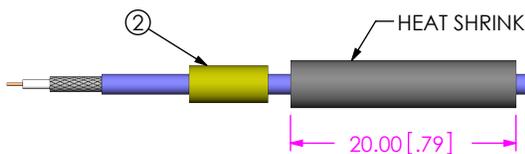
DESCRIPTION:
50 OHM, MCX RIGHT ANGLE CABLE PLUG, RG178

DWG. NO.
MCX-P-C-XX-RA-CA2

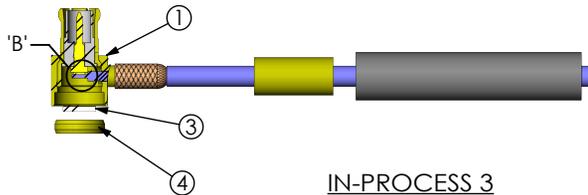
BY: R MUSSER 02/06/2008 SHEET 1 OF 2



IN-PROCESS 1
STRIP CABLE AND TIN INNER CONDUCTOR

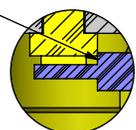


IN-PROCESS 2
ADD HEAT SHRINK TUBING AND FERRULE

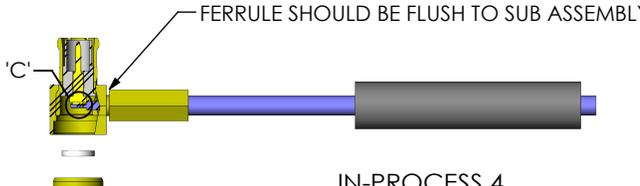


IN-PROCESS 3
FLARE SHIELD AND ADD SUB ASSEMBLY

END OF CABLE DIELECTRIC SHOULD SEAT UP AGAINST CONTACT CUP

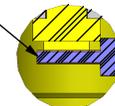


DETAIL 'B'
SCALE 6 : 1



IN-PROCESS 4
CRIMP FERRULE AND SOLDER SIGNAL PIN
(USE RF CRIMP HAND TOOL # CAT-RF-FER-001 USE .105" DIE SIZE)

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



DETAIL 'C'
SCALE 6 : 1



IN-PROCESS 5
INSERT INSULATOR AND CAP

0.00±0.10 [.000±.004]

DETAIL 'D'
SCALE 2.5 : 1



IN-PROCESS 6
ACTIVATE HEAT SHRINK

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DO NOT SCALE DRAWING
SHEET SCALE: 1:0.666667



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