

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

SMB5-J-C-XX-ST-CA2

GENDER
-J: JACK

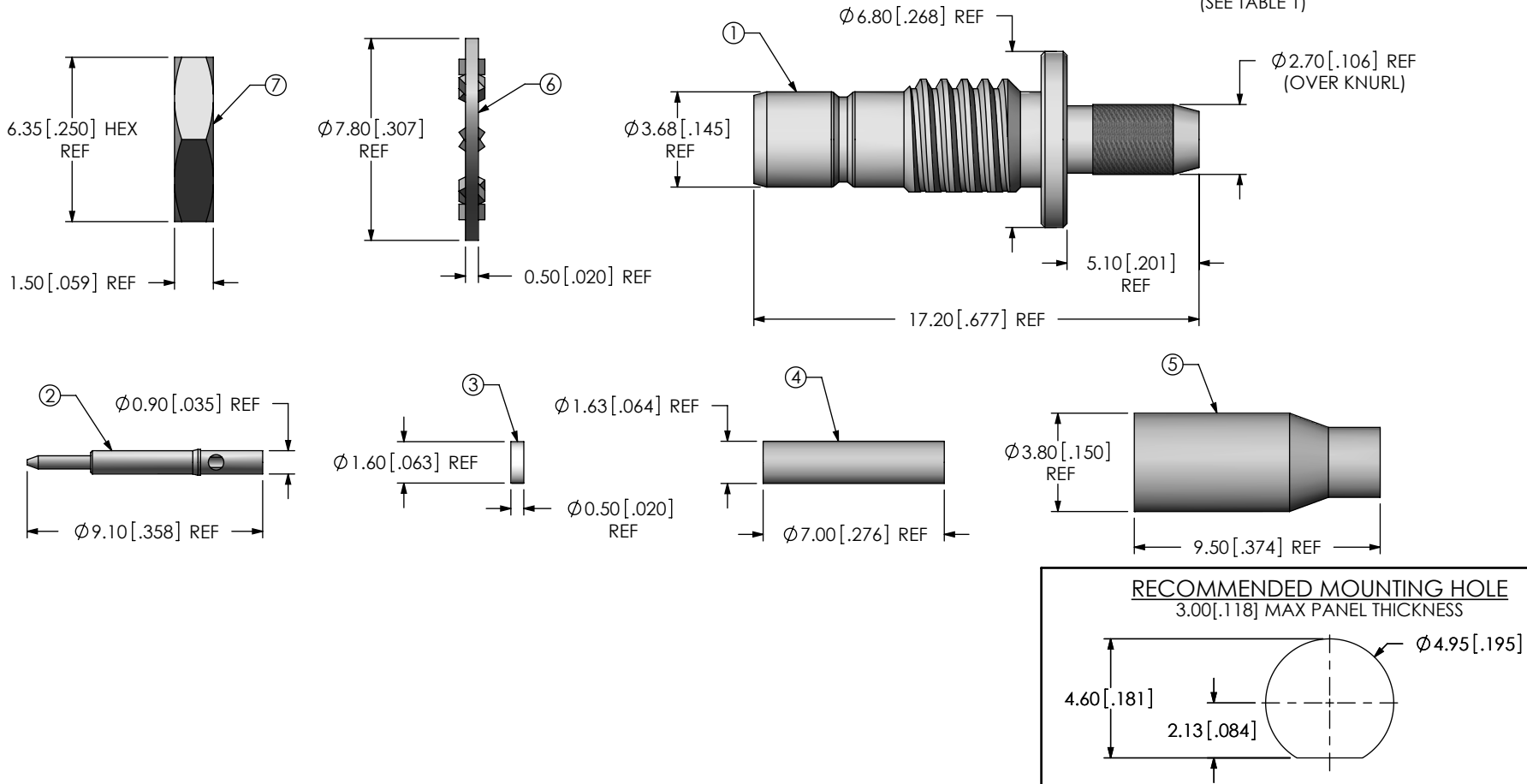
TERMINATION
-CA2: CCA-178 CABLE

ORIENTATION
-ST: STRAIGHT

TYPE
-C: CABLE

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

TABLE 1					
ITEM	COMPONENT	-HF	-HN	-GF	-GN
1	SUB ASSEMBLY	SUB-SMB5-J-C-F-ST-CA2	SUB-SMB5-J-C-N-ST-CA2	SUB-SMB5-J-C-F-ST-CA2	SUB-SMB5-J-C-N-ST-CA2
2	PIN	SMB5-PIN-003-H		SMB5-PIN-003-G	
3	INSULATOR	MCX-INS-002			
4	INNER FERRULE	MCX-FER-003-F	MCX-FER-003-N	MCX-FER-003-F	MCX-FER-003-N
5	OUTER FERRULE	MCX-FER-004-F	MCX-FER-004-N	MCX-FER-004-F	MCX-FER-004-N
6	LOCK WASHER	SMB-LWAS-001-F	SMB-LWAS-001-N	SMB-LWAS-001-F	SMB-LWAS-001-N
7	HEX NUT	SMB5-NUT-001-F	SMB5-NUT-001-N	SMB5-NUT-001-F	SMB5-NUT-001-N



NOTES:

1. NOTE DELETED.

2. PRODUCT TO BE BULK PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:

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

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samtec

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: 4:1

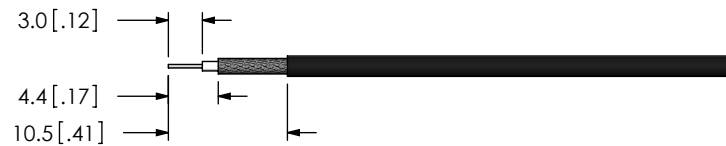
CABLE BODY, PIN, FERRULES, LOCK WASHER, HEX NUT: BRASS
DIELECTRICS: PTFE

DESCRIPTION:
50 OHM, SMB5 STRAIGHT JACK FOR RG178

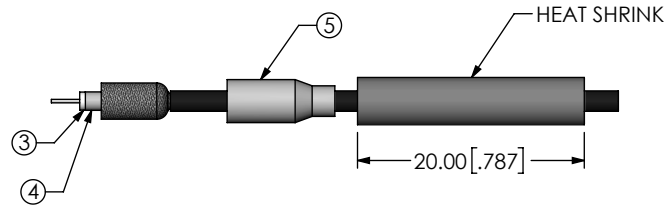
DWG. NO.
SMB5-J-C-XX-ST-CA2

BY: ALVIN W	05/31/2011	SHEET 1 OF 2
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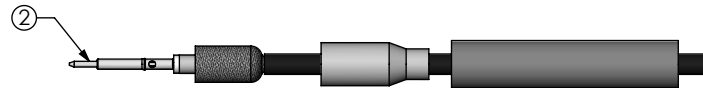
REVISION C



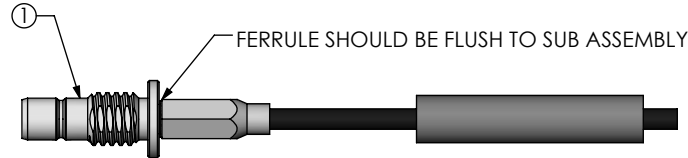
IN PROCESS 1
STRIP CABLE AND TIN INNER CONDUCTOR



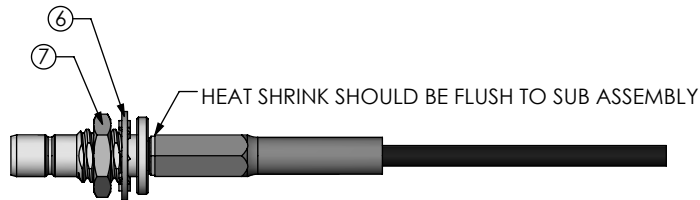
IN PROCESS 2
ADD HEAT SHRINK TUBING & OUTER FERRULE
FLARE SHIELD, ADD INSULATOR & INNER FERRULE



IN PROCESS 3
SOLDER SIGNAL PIN



IN-PROCESS 4
ADD SUB ASSEMBLY
CRIMP FERRULE
(USE RF CRIMP HAND TOOL #CAT-RF-FER-001
AND .136" DIE SIZE)



IN-PROCESS 5
ACTIVATE HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 3:2

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50 OHM, SMB5 STRAIGHT JACK FOR RG178

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BY: ALVIN W 05/31/2011 SHEET 2 OF 2