

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SMA-J-C-X-ST-BH2

GENDER -J: JACK  
 TYPE -C: CABLE  
 TERMINATION -BH2: BULKHEAD (RG178)  
 ORIENTATION -ST: STRAIGHT  
 PLATING SPECIFICATION -H: HEAVY GOLD / FLASH GOLD  
 30µ" Au / 50µ" Ni MIN ON PIN,  
 3µ" Au / 50µ" Ni MIN ON OUTER CONTACT  
 (SEE TABLE 1)

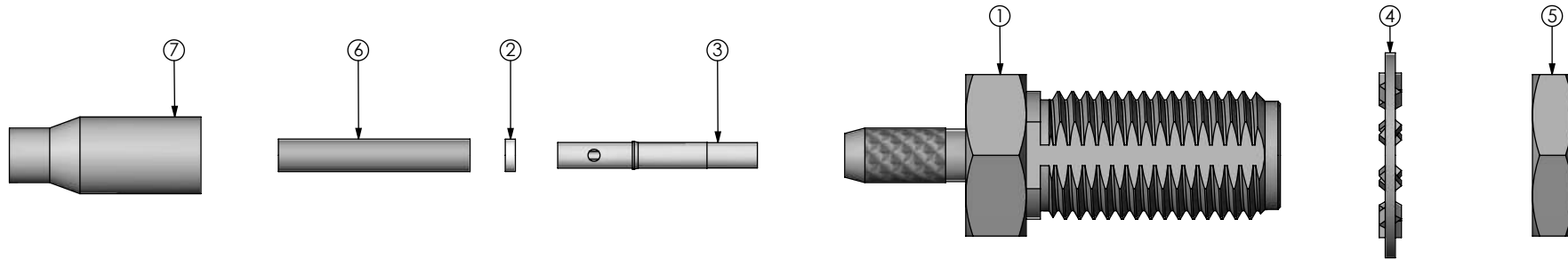
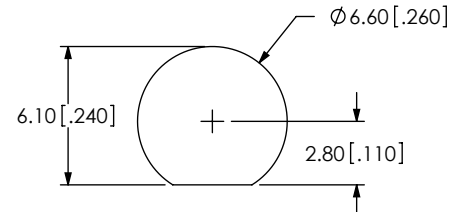


TABLE 1

ITEM	COMPONENT	-H
1	SUB-ASSEMBLY	SUB-SMA-J-C-F-ST-BH1
2	INSULATOR	SMA-INS-001
3	PIN	SMA-SKT-002-H
4	LOCK WASHER	SMA-LWAS-001-F
5	NUT	SMA-NUT-001-F
6	INNER FERRULE	SMA-FER-003-N
7	OUTER FERRULE	MCX-FER-004-F

RECOMMENDED PANEL CUTOUT  
 3.80 [.150] MAX. PANEL THICKNESS



NOTES:

- NOTE DELETED.
- NOTE DELETED.
- PRODUCT TO BE BULK PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
- NUT AND WASHER TO BE PACKAGED SEPARATELY.

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]

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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: 3:1

SHELL, FERRULES, NUT, WASHER: BRASS  
 CONTACT: COPPER ALLOY  
 DIELECTRIC: PTFE

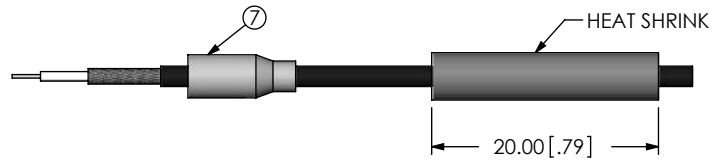
DESCRIPTION: 50 OHM, SMA STRAIGHT JACK BULKHEAD, RG178

DWG. NO. SMA-J-C-X-ST-BH2

BY: R MUSSER 01/28/2008 SHEET 1 OF 2



**IN-PROCESS 1**  
STRIP CABLE AND TIN INNER AND OUTER CONDUCTOR



**IN-PROCESS 2**  
ADD HEAT SHRINK TUBING AND OUTER FERRULE



**IN-PROCESS 3**  
FLARE SHIELD, ADD INNER FERRULE & INSULATOR  
SOLDER CONTACT



**IN-PROCESS 4**  
ADD SUB ASSEMBLY  
FLARE SHIELD & CRIMP FERRULE  
(USE CRIMP HAND TOOL #CAT-RF-FER-001  
AND 0.136" DIE SIZE)



**IN-PROCESS 5**  
ACTIVATE HEAT SHRINK TUBING  
& ADD GASKET

F:\DWG\MISC\MKTG\SMA-J-C-X-ST-BH2-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 1:0.666667

DESCRIPTION:  
50 OHM, SMA STRAIGHT JACK BULKHEAD, RG178

DWG. NO.  
**SMA-J-C-X-ST-BH2**

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