

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 **M**
 (VALUES GIVEN ARE IN MICRO-INCHES)
 -H: HEAVY GOLD / FLASH GOLD
 30 Au / 50 Ni MIN ON PIN
 3 Au / 50 Ni MIN ON OUTER CONTACT
 (SEE TABLE 1)

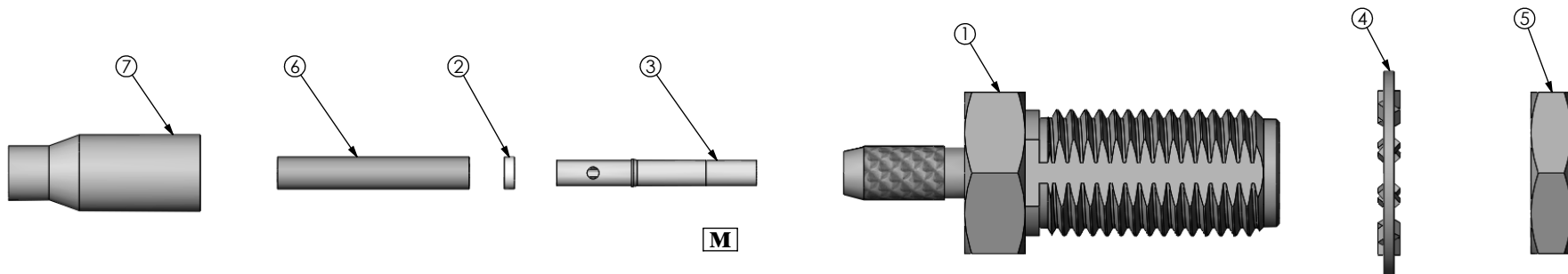
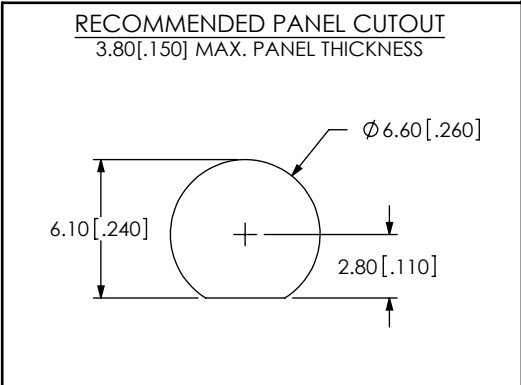


TABLE 1 **M**

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



M
 NOTES:

- Ⓞ REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE FOR CENTER CONTACT: 26.69 N [6 LB].
- PRODUCT TO BE PACKAGED PER PACKING STANDARD CO-HD-WI-3040-M.
- NUT AND WASHER TO BE PACKAGED SEPARATELY.

THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

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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samtec
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DESCRIPTION:
 SMA STR JACK BULKHEAD, RG178- 50 OHM

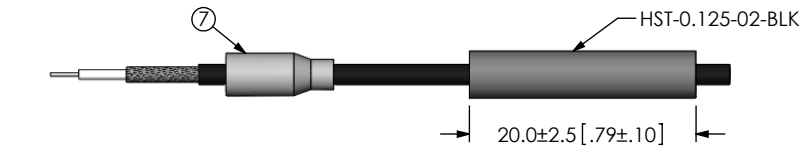
DWG. NO.
SMA-J-C-X-ST-BH2

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

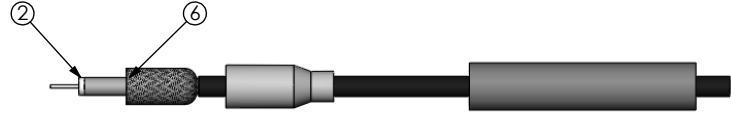
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
 SHELL, FERRULES, NUT, WASHER: BRASS
 CONTACT: COPPER ALLOY
 DIELECTRIC: PTFE



IN-PROCESS 1
STRIP AND TIN INNER AND OUTER CONDUCTOR



IN-PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE

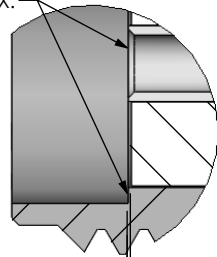


IN-PROCESS 3
FLARE SHIELD, ADD INNER FERRULE & INSULATOR



IN-PROCESS 4
SOLDER CONTACT

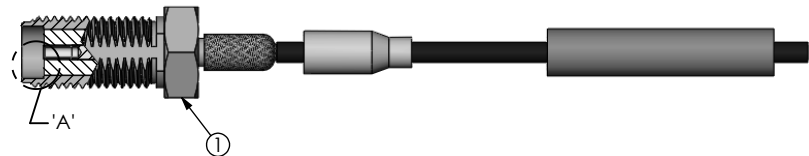
TIP OF CONTACT TO BE FLUSH WITH REFERENCE PLANE OR RECESSED 0.10 [.004] MAX.



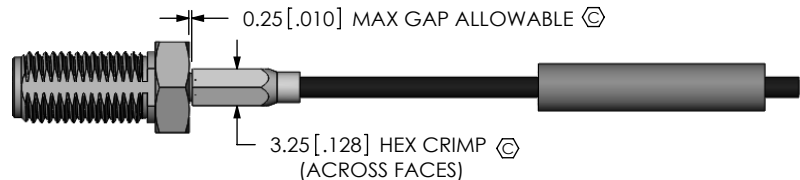
0.05 [.002] REF (TO INSULATOR)

REFERENCE PLANE

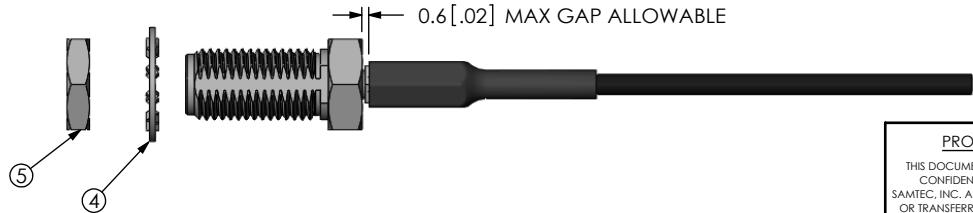
DETAIL 'A'
SCALE 8 : 1



IN-PROCESS 5
ADD SUB-SMA-J-C-X-ST-BH1



IN-PROCESS 6
CRIMP FERRULE
(USE CRIMP HAND TOOL #CAT-HT-126667-21 OR EQUIVALENT)
(USE .128" HEX DIE)



IN-PROCESS 7
APPLY HEAT SHRINK TUBING

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



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