



DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

TABLE 1

ITEM	COMPONENT	-HF
1	HEX NUT	SMA-NUT-001-F
2	LOCK WASHER	SMA-LWAS-001-F
3	SUB ASSEMBLY	SUB-SMA-J-C-F-ST-BH1
4	PIN	SMA-SKT-001-H
5	OUTER FERRULE	SMA-FER-004-X

SMA-J-C-XX-ST-BH1S

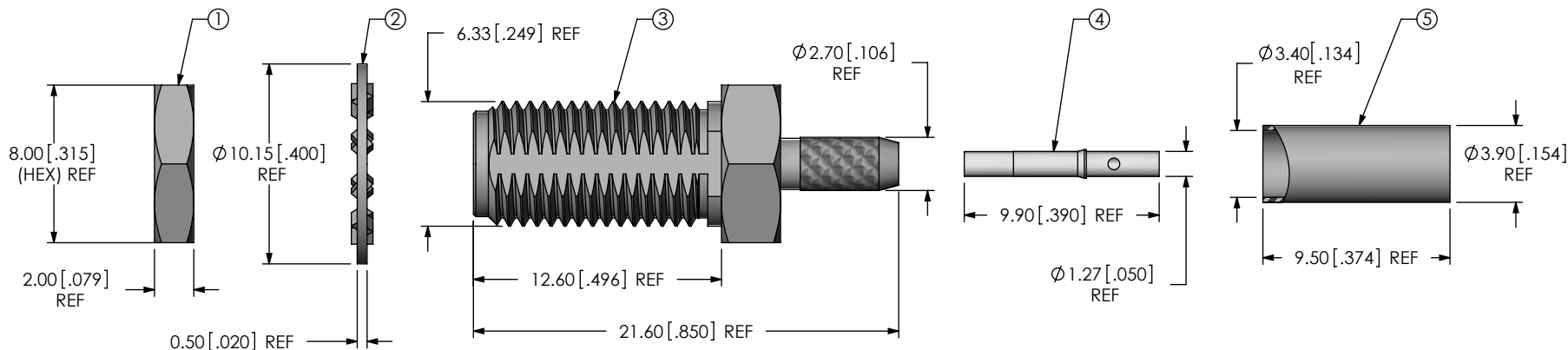
GENDER
-J: JACK

TYPE
-C: CABLE

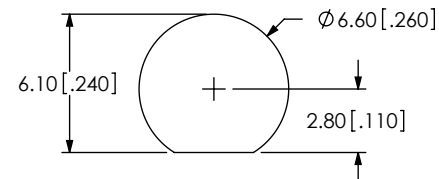
TERMINATION
-BH1S: BULKHEAD 1
(RG-316 CABLE, DOUBLE SHIELD)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION
-HF: 30μ" GOLD CENTER CONTACT,
3μ" GOLD OUTER CONTACT
(SEE TABLE 1)



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



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. CENTER CONTACT PUSHOUT FORCE = 13.35 N [3 LB] MIN.
3. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
4. NUT, WASHER, PIN AND FERRULE TO BE PACKAGED SEPARATELY.

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]

PROPRIETARY NOTE

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CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1

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

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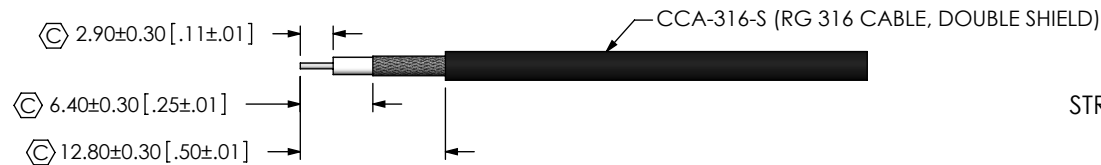
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
SMA STR JACK BULKHEAD, RG 316, DOUBLE SHIELD, -50 OHM

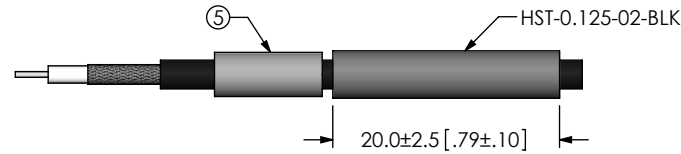
DWG. NO. SMA-J-C-XX-ST-BH1S

BY: SHERRY W 09/18/2013 SHEET 1 OF 2

REVISION B



IN PROCESS 1
STRIP AND TIN INNER CONDUCTOR



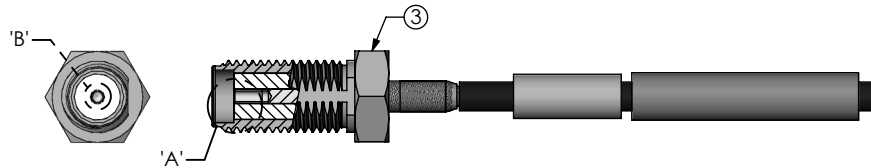
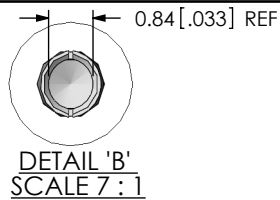
IN PROCESS 2
ADD HEAT SHRINK TUBE AND FERRULE



IN PROCESS 3
SOLDER SIGNAL SOCKET

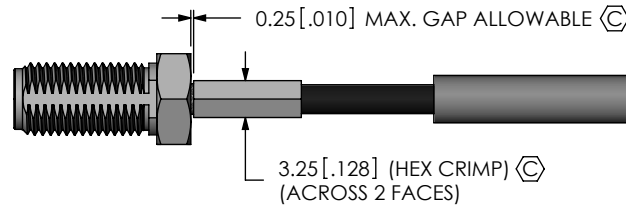
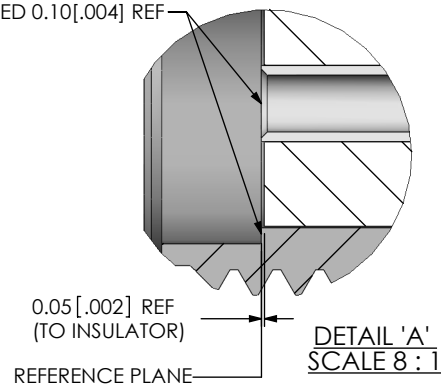


IN PROCESS 4
FLARE SHIELD

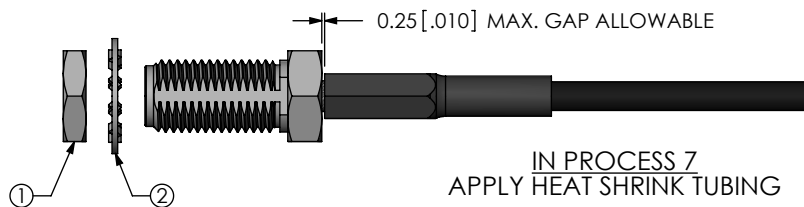


IN PROCESS 5
ADD SUB ASSEMBLY

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



IN PROCESS 6
CRIMP FERRULE
(USE RF CRIMP HAND TOOL # CAT-HT-126667-21 OR EQUIVALENT)



IN PROCESS 7
APPLY HEAT SHRINK TUBING

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DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

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e-Mail: info@SAMTEC.com code: 55322

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SMA STR JACK BULKHEAD, RG 316, DOUBLE SHIELD, -50 OHM

DWG. NO.
SMA-J-C-XX-ST-BH1S

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