

**THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING**

**DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]**

DO NOT SCALE FROM THIS PRINT

TABLE 1			
ITEM	COMPONENT	-HN	-GN
1	FERRULE	SMA-FER-001-N	
2	CABLE BODY	NTPE-J-C-N-ST-BH1-CBDY	
3	INSULATOR	NTPE-INS-001	
4	SOCKET	NTPE-J-C-H-ST-BH1-SKT	NTPE-J-C-G-ST-BH1-SKT
5	SUB ASSEMBLY	SUB-NTPE-J-C-N-ST-BH1	
6	GASKET	NTPE-GKT-001	
7	LOCK WASHER	NTPE-LWAS-001-N	
8	HEX NUT	NTPE-NUT-001-N	

**NTPE-J-C-XX-ST-BH1-X**

**GENDER**  
-J: JACK

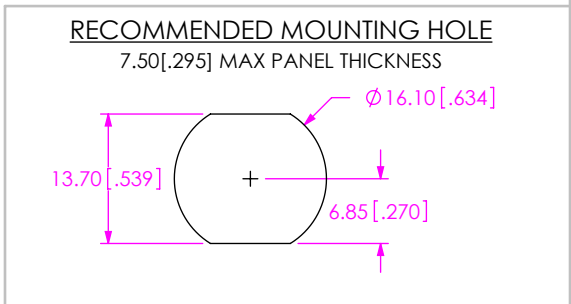
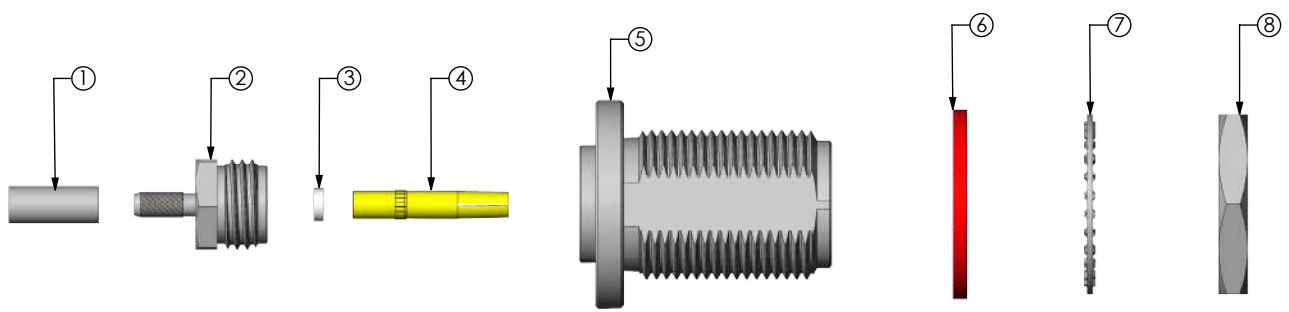
**TYPE**  
-C: CABLE

**PACKAGING**  
-BLANK: INDIVIDUALLY BAGGED  
-B: BULK PACKAGED (QTY=100 MAX)

**TERMINATION**  
-BH1: BULKHEAD  
(CCA-174 OR CCA-316)

**ORIENTATION**  
-ST: STRAIGHT

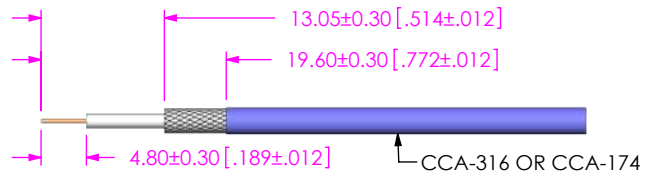
**PLATING SPECIFICATION**  
-HN: HEAVY GOLD/NICKEL  
30µ" CENTER CONTACT, NICKEL OTHER  
-GN: GOLD/NICKEL  
10µ" CENTER CONTACT, NICKEL OTHER



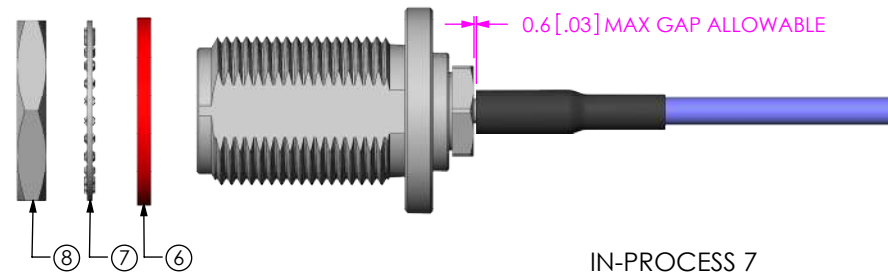
- NOTES:
- Ⓢ REPRESENTS A CRITICAL DIMENSION.
  - NOTE DELETED.
  - NOTE DELETED.
  - PRODUCT TO BE PACKAGED PER PRECISION RF SECTION OF PACKAGING MANUAL.
  - NOTE DELETED.
  - NOTE DELETED.
  - NOTE DELETED.

<p><b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES]</b></p> <p>TOLERANCES ARE:</p> <table border="0"> <tr> <td>DECIMALS</td> <td>ANGLES</td> </tr> <tr> <td>.X: ±0.3 [.01]</td> <td>2°</td> </tr> <tr> <td>.XX: ±0.13 [.005]</td> <td></td> </tr> <tr> <td>.XXX: ±0.051 [.0020]</td> <td></td> </tr> </table>	DECIMALS	ANGLES	.X: ±0.3 [.01]	2°	.XX: ±0.13 [.005]		.XXX: ±0.051 [.0020]		<p><b>PROPRIETARY NOTE</b></p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p>	<p>520 PARK EAST BLVD., NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>
	DECIMALS	ANGLES								
.X: ±0.3 [.01]	2°									
.XX: ±0.13 [.005]										
.XXX: ±0.051 [.0020]										
<p><b>MATERIAL:</b> DO NOT SCALE DRAWING SHEET SCALE: 1.25:1</p> <p>SHELLS, FERRULES, NUTS, WASHERS: BRASS CONTACT: COPPER ALLOY DIELECTRIC: PTFE GASKET: SILICONE</p>	<p>DESCRIPTION: N TYPE STRAIGHT BULKHEAD CABLE JACK, RG174 &amp; RG316 - 50 OHM</p> <p>DWG. NO. <b>NTPE-J-C-XX-ST-BH1-X</b></p>									
<p>BY: R MUSSER 09-09-2010</p>		<p>SHEET 1 OF 3</p>								

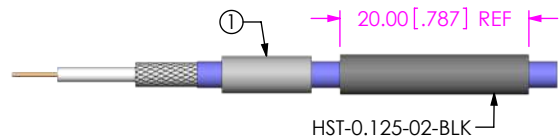
REVISION P



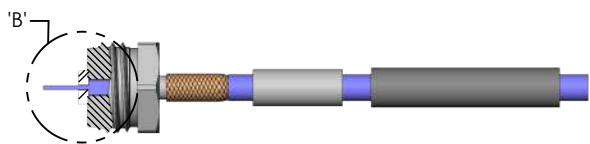
IN-PROCESS 1  
STRIP AND TIN INNER  
CONDUCTOR



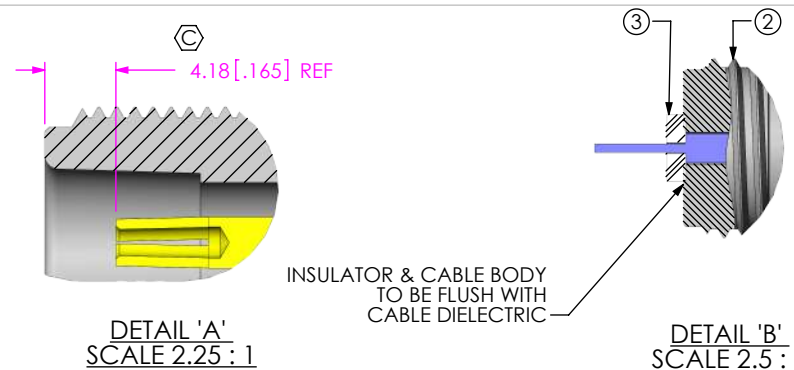
IN-PROCESS 7  
APPLY HEAT SHRINK  
TUBE & ADD GASKET



IN-PROCESS 2  
ADD HEAT SHRINK  
TUBE AND FERRULE



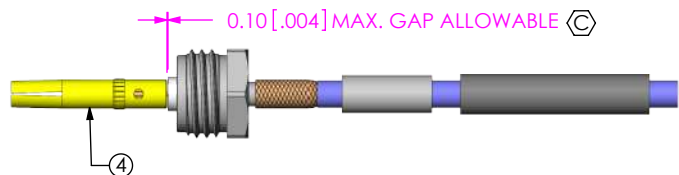
IN-PROCESS 3  
ADD CABLE BODY &  
INSULATOR



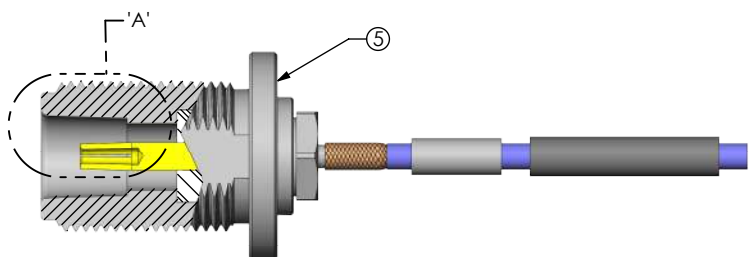
INSULATOR & CABLE BODY  
TO BE FLUSH WITH  
CABLE DIELECTRIC

DETAIL 'A'  
SCALE 2.25 : 1

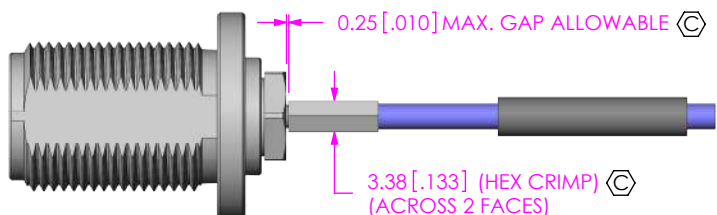
DETAIL 'B'  
SCALE 2.5 : 1



IN-PROCESS 4  
SOLDER SIGNAL  
SOCKET



IN-PROCESS 5  
ADD SUB ASSEMBLY  
(TORQUE TO 30 INCH LBS)  
⊕



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

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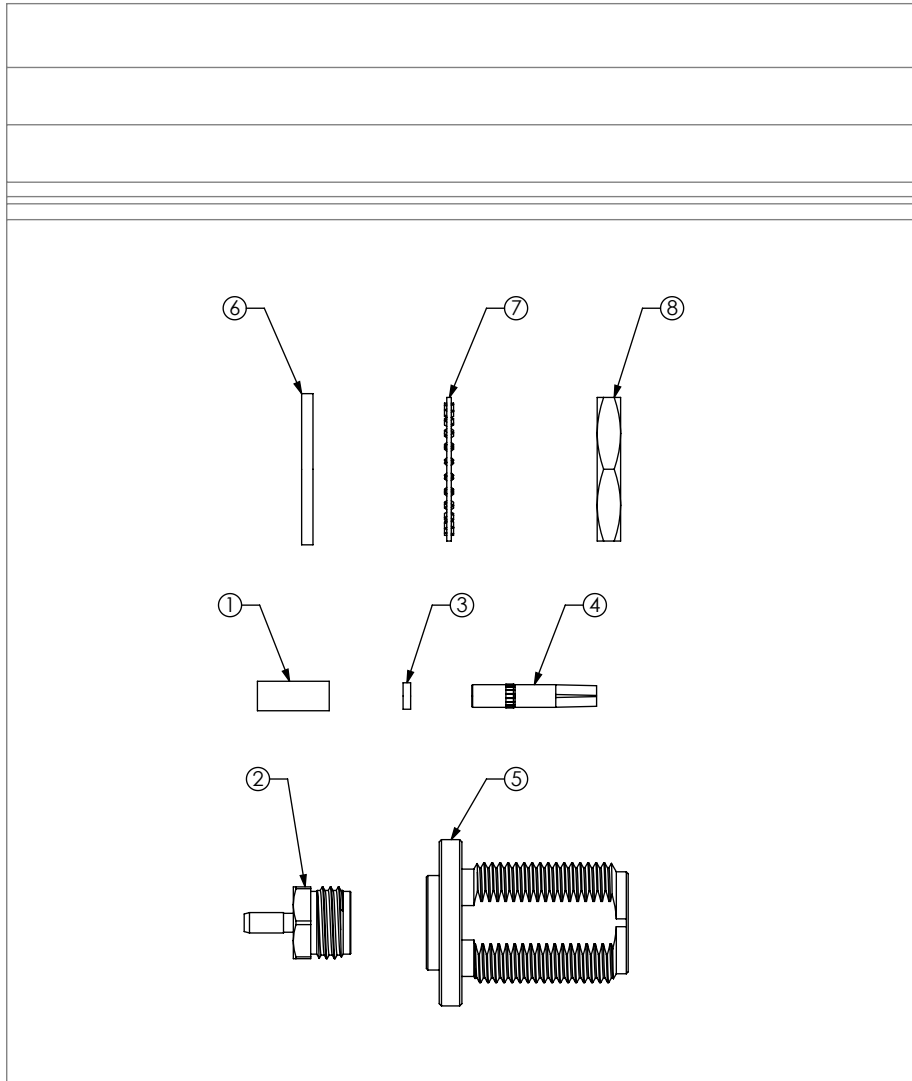
DO NOT SCALE DRAWING

SHEET SCALE: 1.25:1

DESCRIPTION:  
N TYPE STRAIGHT BULKHEAD CABLE JACK, RG174 & RG316 - 50 OHM

DWG. NO.  
NTPE-J-C-XX-ST-BH1-X

BY: R MUSSER 09-09-2010 SHEET 2 OF 3



PACKAGING VIEW  
 NTPC-J-C-XX-ST-BH1 SHOWN

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SHEET SCALE: 1:1



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