

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

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

**SMB7H-P-C-XX-ST-CA3**

DO NOT SCALE FROM THIS PRINT

GENDER  
-P: PLUG

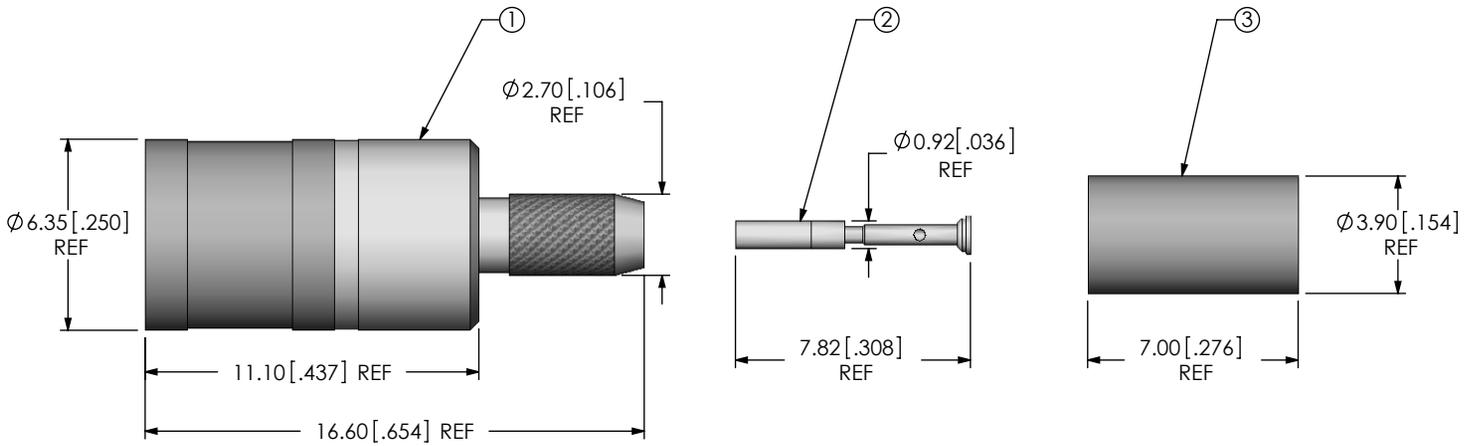
TYPE  
-C: CABLE

TERMINATION  
-CA3: RG179 CABLE

ORIENTATION  
-ST: STRAIGHT

TABLE 1			
ITEM	COMPONENT	-HN	-H
1	SUB ASSEMBLY	SUB-SMB7H-P-C-FN-ST-CA3	SUB-SMB7H-P-C-F-ST-CA3
2	SOCKET	SMB7H-P-C-H-ST-CA3-SKT	
3	FERRULE	MCX-FER-001-N	MCX-FER-001-F

PLATING  
-HN: 30μ" GOLD CENTER CONTACT, 100μ" NICKEL OUTER CONTACT  
-H: 30μ" GOLD CENTER CONTACT, 3μ" GOLD OUTER CONTACT (SEE TABLE 1)

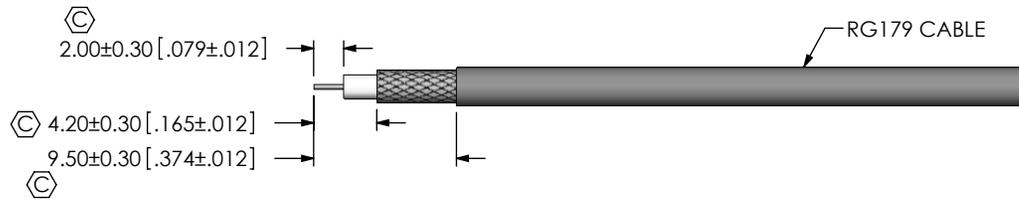


- NOTES:
1. REPRESENTS A CRITICAL DIMENSION.
  2. PUSHOUT FORCE FOR CENTER CONTACT: 17.79 N [4.0 LB] MIN.
  3. NOTE DELETED.
  4. NOTE DELETED.
  5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-RF-WI-3040-M.
  6. NOTE DELETED.
  7. NOTE DELETED.
  8. NOTE DELETED.

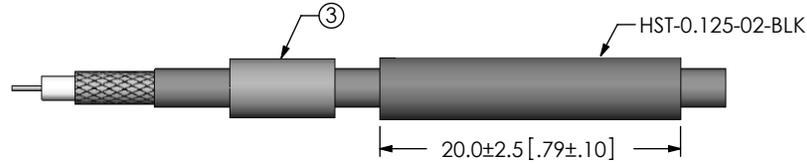
F:\DWG\MISC\MKTG\SMB7H-P-C-XX-ST-CA3-MKT.SLDDRW

<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS [INCHES]</p> <p>TOLERANCES ARE:</p> <p>DECIMALS      ANGLES</p> <p>.X: ±0.3 [.01]      5°</p> <p>.XX: ±0.13 [.005]</p> <p>.XXX: ±0.051 [.0020]</p>	<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>	
<p><b>MATERIAL:</b> DO NOT SCALE DRAWING      SHEET SCALE: 4:1</p> <p>SHELL, FERRULE: BRASS CONTACT: COPPER ALLOY DIELECTRIC: PTFE</p>		<p>DESCRIPTION: SMB STRAIGHT CABLE PLUG, RG179 - 75 OHM</p> <p>DWG. NO. <b>SMB7H-P-C-XX-ST-CA3</b></p>	
<p>BY: G. HERMAN    10/09/2008</p>		<p>SHEET 1 OF 2</p>	

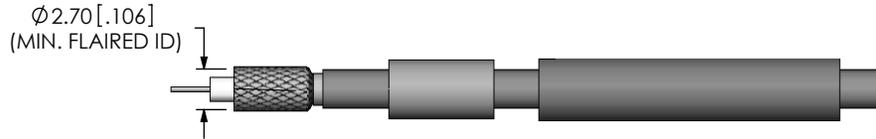
REVISION G



IN PROCESS 1  
STRIP AND TIN INNER CONDUCTOR



IN PROCESS 2  
ADD HEAT SHRINK TUBE AND FERRULE



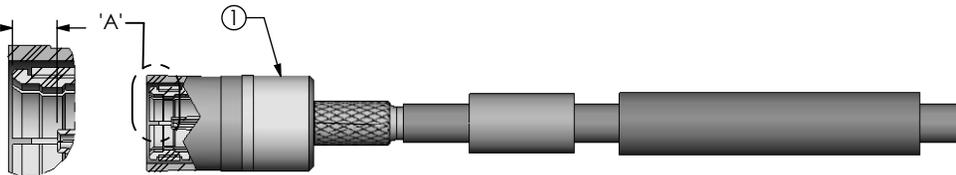
IN PROCESS 3  
FLARE SHIELD



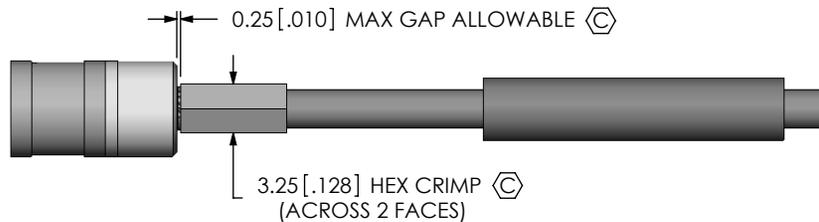
IN PROCESS 4  
SOLDER SIGNAL SOCKET

1.49 [.058] REF  
(TO CENTER CONTACT)

DETAIL 'A'  
SCALE 4:1



IN PROCESS 5  
ADD SUB ASSEMBLY



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



IN PROCESS 7  
APPLY HEAT SHRINK TUBE

F:\DWG\MISC\MKTG\SMB7H-P-C-XX-ST-CA3-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 1:1



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DESCRIPTION:  
SMB STRAIGHT CABLE PLUG, RG179 - 75 OHM

DWG. NO.  
SMB7H-P-C-XX-ST-CA3

BY: G. HERMAN 10/09/2008 SHEET 2 OF 2