

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SMB5-P-C-XX-ST-CA1

GENDER -P:PLUG

TYPE -C:CABLE

TERMINATION -CA1:CABLE (RG174 OR RG316)

ORIENTATION -ST:STRAIGHT

PLATING

-HN: HEAVY GOLD/NICKEL (SEE NOTE 7 & 8) (MCX-FER-001-N) (SMB5-SKT-001-H) (SUB-SMB5-P-C-FN-ST-CA1)

-H: HEAVY GOLD (SEE NOTE 7 & 8) (MCX-FER-001-F) (SMB5-SKT-001-H) (SUB-SMB5-P-C-F-ST-CA1)

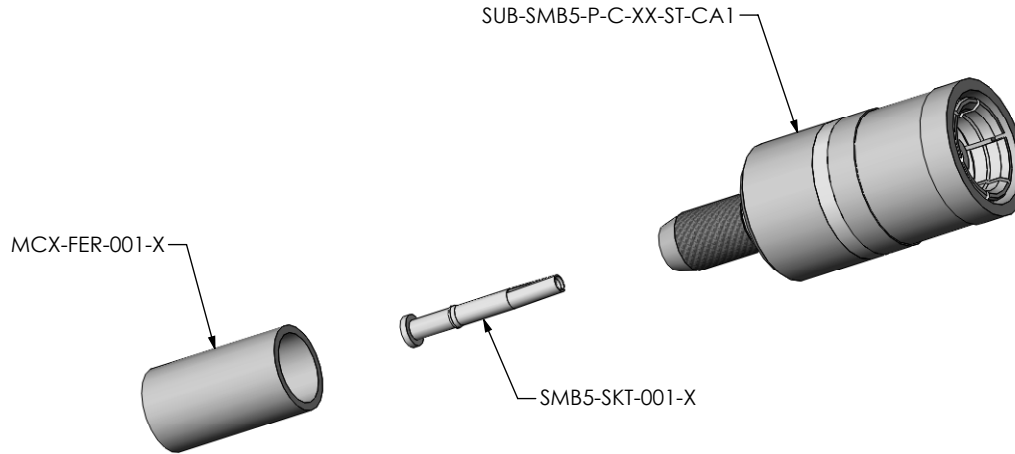
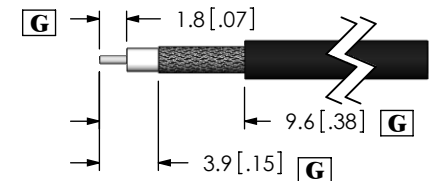


FIG. 1
SMB5-P-C-XX-ST-CA1 SHOWN

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- PUSHOUT FORCE FOR CENTER CONTACT: 17.79 N [4.0 LB] MIN.
- SEE SHEET 3 FOR TERMINATION INFORMATION.
- NOTE DELETED.
- PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
- RoHS COMPLIANT.
- PLATING: -N: .000100" MIN. NICKEL.
-H: .000030" MIN. GOLD OVER .000050" MIN. NICKEL.
-F: .000003" MIN. GOLD OVER .000050" MIN. NICKEL.
- ASSEMBLY PLATING DESIGNATIONS:
-HN: (CENTER CONTACT)-H:
(OUTER CONTACT) -F:
(REMAINING METAL PARTS) -N:
-H: (CENTER CONTACT) -H:
(OUTER CONTACT) -F:
(REMAINING METAL PARTS) -F:

RECOMMENDED CABLE STRIPPING



THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:

DECIMALS	ANGLES
.X: ±0.3 [.01]	2°
.XX: ±0.13 [.005]	
.XXX: ±0.051 [.0020]	

PROPRIETARY NOTE
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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: 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1

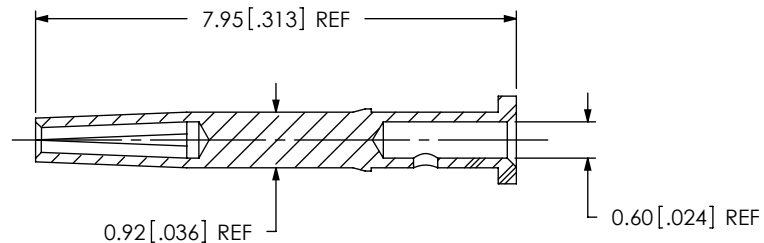
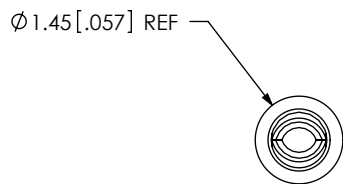
SHELL, FERRULE: BRASS
CONTACT: COPPER ALLOY
DIELECTRIC: PTFE

DESCRIPTION:
SMB5 STRAIGHT CABLE PLUG, RG174 & RG316 - 50 OHM

DWG. NO.
SMB5-P-C-XX-ST-CA1

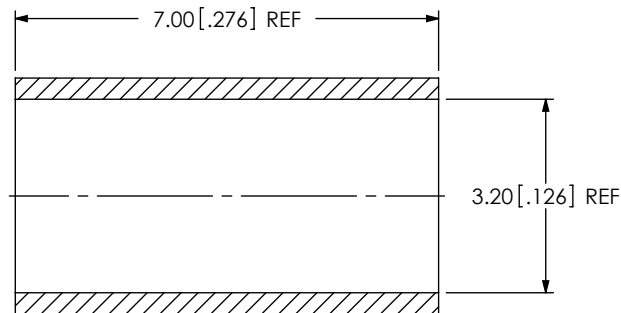
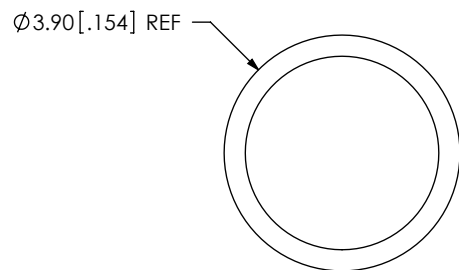
BY: G.HERMAN 12/07/2007 SHEET 1 OF 3

REVISION G



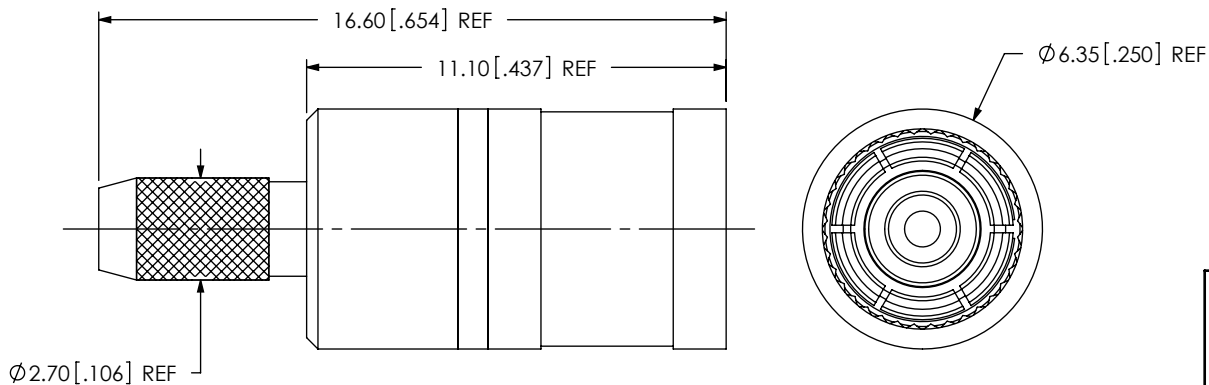
SCALE 8:1

SAMTEC PART NUMBER	ITEM
SMB5-SKT-001-X	SOCKET



SCALE 8:1

SAMTEC PART NUMBER	ITEM
MCX-FER-001-X	OUTER FERRULE



F:\DWG\MISC\MKTG\SMB5-P-C-XX-ST-CA1-MKT.SLDDRW

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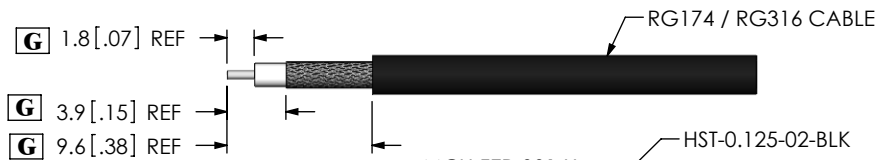
SHEET SCALE: 5:1

DESCRIPTION:
 SMB5 STRAIGHT CABLE PLUG, RG174 & RG316 - 50 OHM

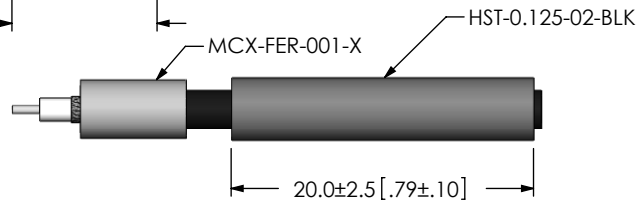
DWG. NO.
SMB5-P-C-XX-ST-CA1

BY: G.HERMAN 12/07/2007 SHEET 2 OF 3

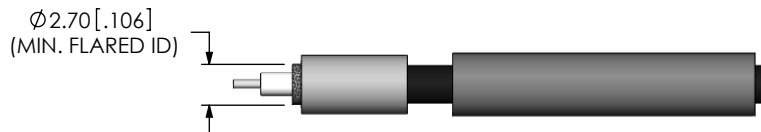
SAMTEC PART NUMBER	ITEM
SUB-BNC5-P-C-XX-ST-CA1	SUB ASSEMBLY



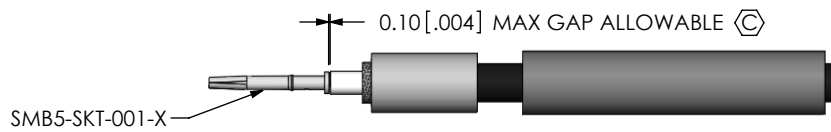
STRIP AND TIN INNER CONDUCTOR



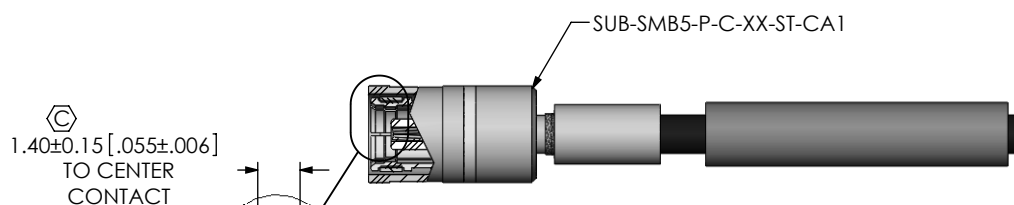
ADD HEAT SHRINK TUBE AND FERRULE



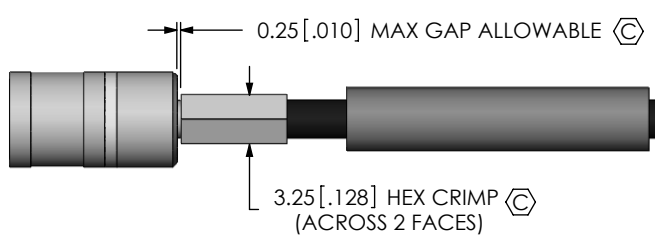
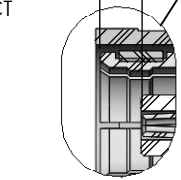
FLARE SHIELD



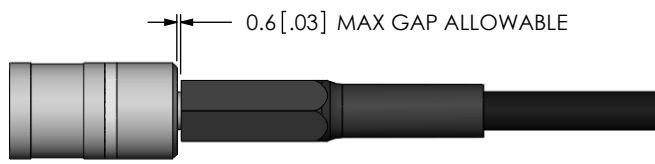
SOLDER SIGNAL SOCKET



ADD SUB-SMB5-P-C-XX-ST-CA1




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



APPLY HEAT SHRINK TUBE

F:\DWG\MISC\MKTG\SMB5-P-C-XX-ST-CA1-MKT.SLDDRW

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