

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)

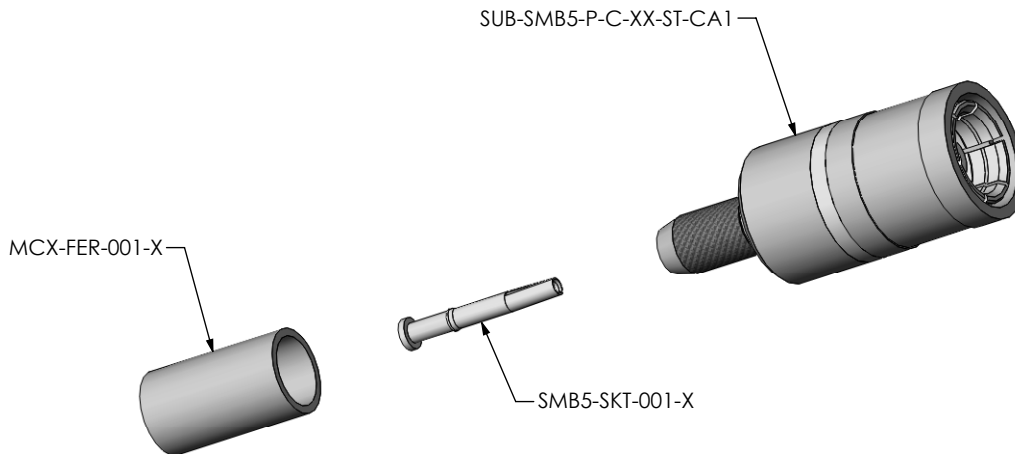
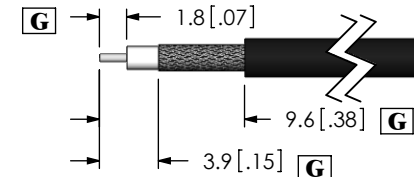


FIG. 1
SMB5-P-C-XX-ST-CA1 SHOWN

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] | |

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

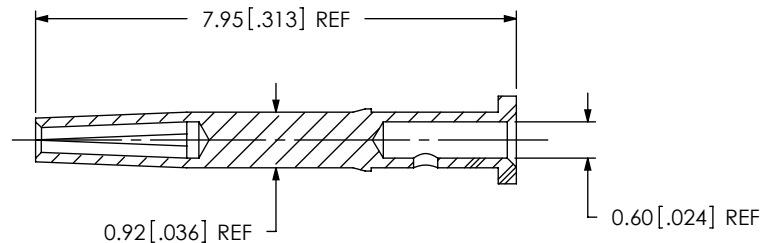
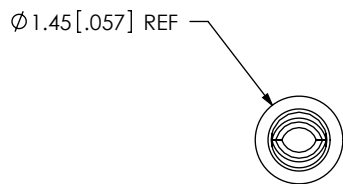
samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 53322

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

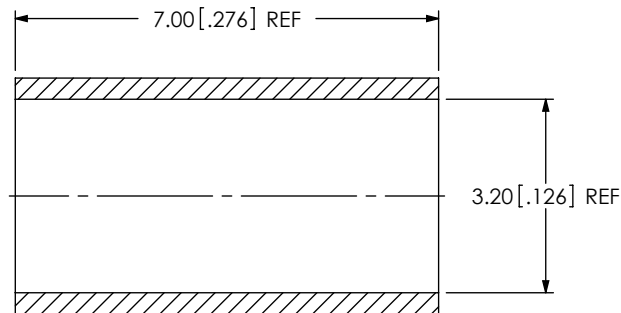
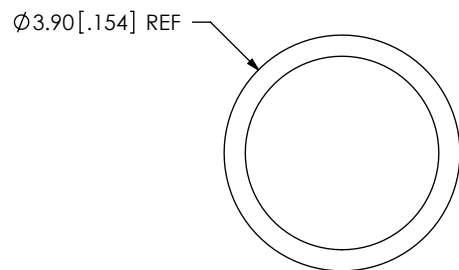
DWG. NO.
SMB5-P-C-XX-ST-CA1

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



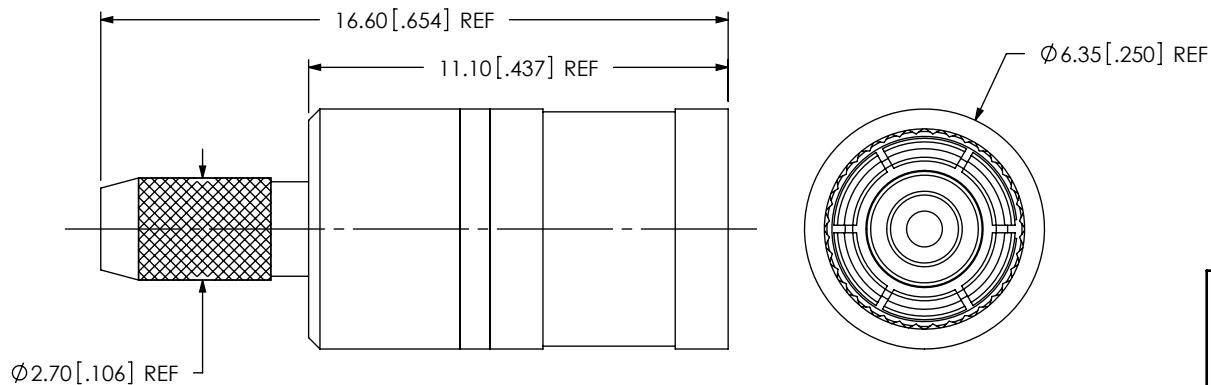
SCALE 8:1

| 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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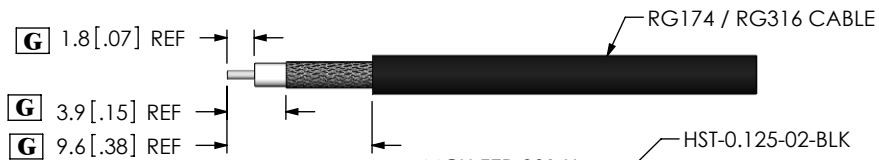
SHEET SCALE: 5:1

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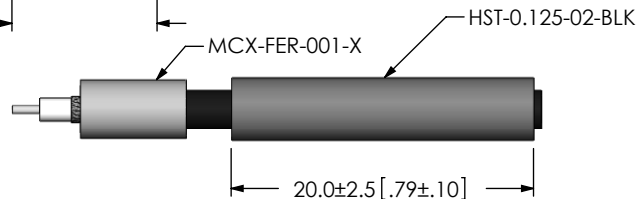
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SMB5-P-C-XX-ST-CA1

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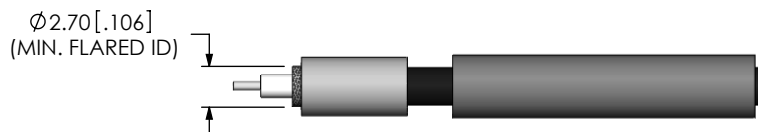
| SAMTEC PART NUMBER | ITEM |
|------------------------|--------------|
| SUB-BNC5-P-C-XX-ST-CA1 | SUB ASSEMBLY |



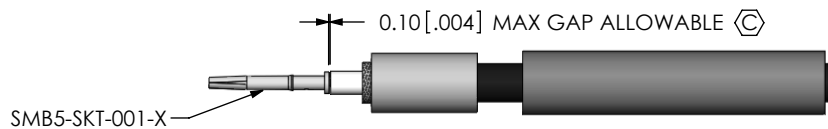
STRIP AND TIN INNER CONDUCTOR



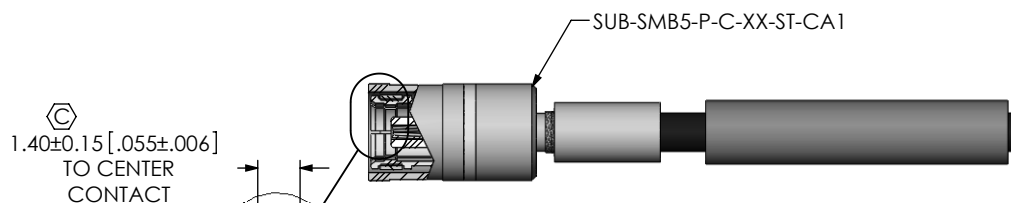
ADD HEAT SHRINK TUBE AND FERRULE



FLARE SHIELD

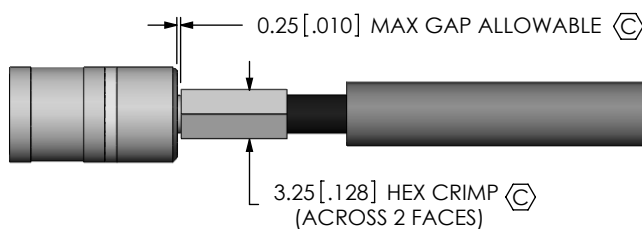


SOLDER SIGNAL SOCKET

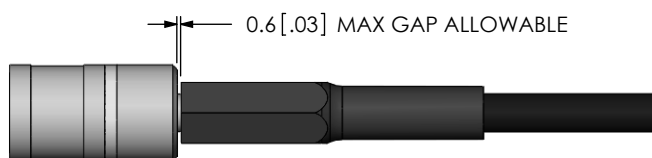


ADD SUB-SMB5-P-C-XX-ST-CA1

DETAIL 'A'
SCALE 4:1



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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