

DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

SMA-P-C-X-ST-CA1

GENDER
-P: PLUG

TYPE
-C: CABLE

TERMINATION
-CA1: CABLE
(RG174 OR RG316)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION
-H: HEAVY GOLD (SEE NOTES 7 & 8)
(SMA-FER-001-F)
(SMA-PIN-001-H)
(SUB-SMA-P-C-F-ST-CA1)

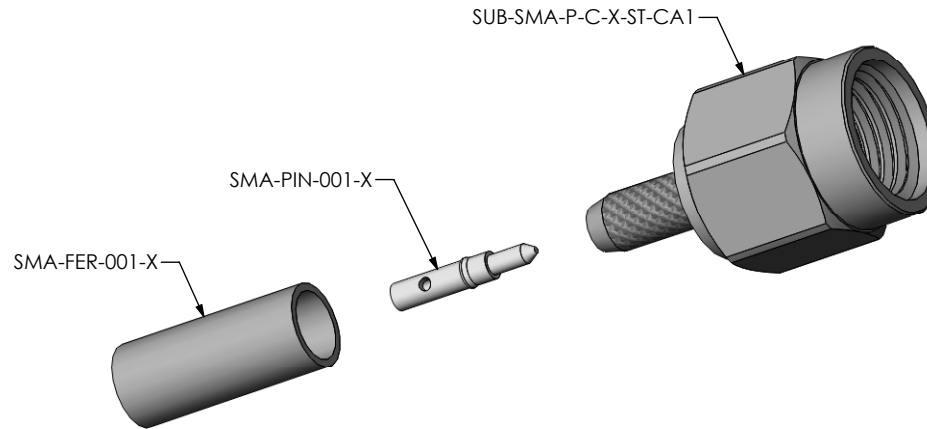
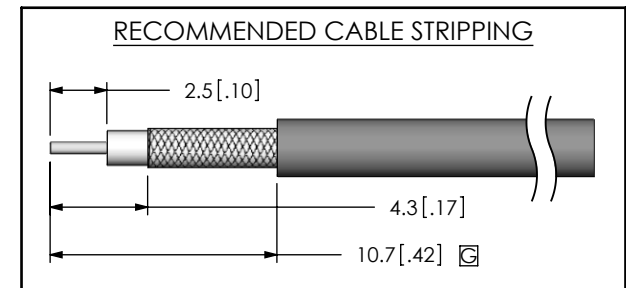


FIG.1
SMA-P-C-X-ST-CA1 SHOWN

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. CENTER CONTACT PUSHOUT FORCE: 26.69 N [6 LB] MIN.
3. SEE SHEET 3 FOR TERMINATION INFORMATION.
4. DEL NOTE 4.
5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
6. RoHS COMPLIANT.
7. PLATING: -F: .000003" MIN. GOLD OVER .000050" MIN. NICKEL.
-H: .000030" MIN. GOLD OVER .000050" MIN. NICKEL.
8. ASSEMBLY PLATING DESIGNATIONS:
-H: (CENTER CONTACT)-H
(OUTER CONTACT) -F
(REMAINING METAL PARTS) -F



THIS PRODUCT MANUFACTURED WITH LEAD-FREE PROCESSING

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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]	

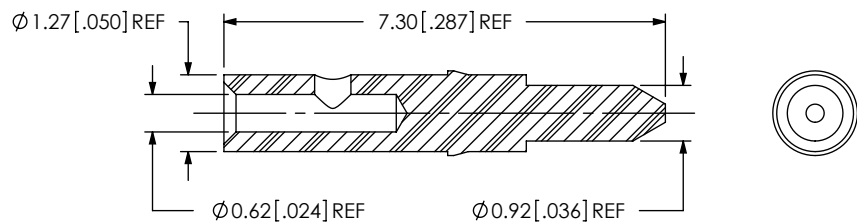
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e-Mail: info@SAMTEC.com code: 55322

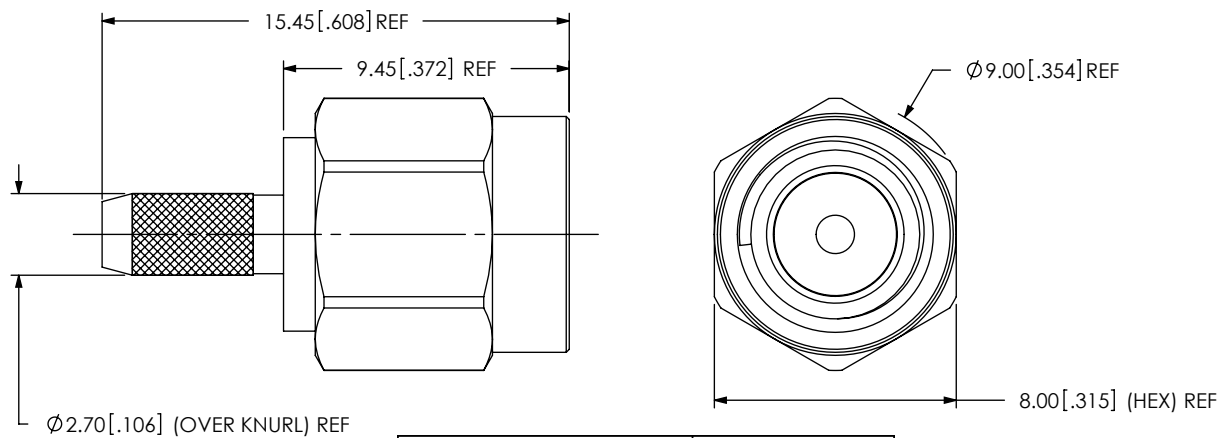
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.333333
SHELL, FERRULE: BRASS
CONTACT: BRASS
DIELECTRIC: PTFE
GASKET: SILICONE

DESCRIPTION:
SMA STRAIGHT CABLE PLUG, RG174 & RG316- 50 OHM
DWG. NO. SMA-P-C-X-ST-CA1

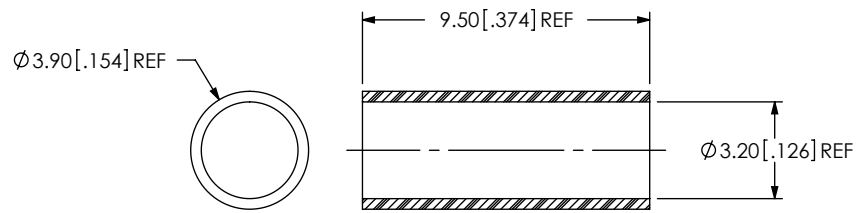


SCALE 8:1

SAMTEC PART NUMBER	ITEM
SMA-PIN-001-X	PIN



SAMTEC PART NUMBER	ITEM
SUB-SMA-P-C-X-ST-CA1	SUB ASSEMBLY



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

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SHEET SCALE: 4:1

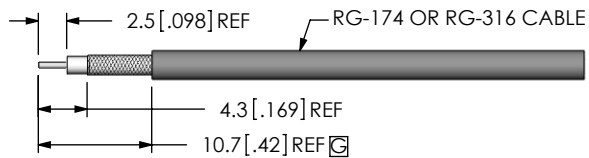


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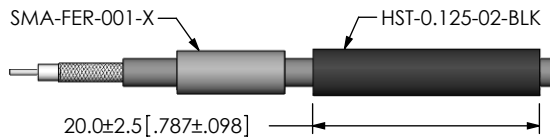
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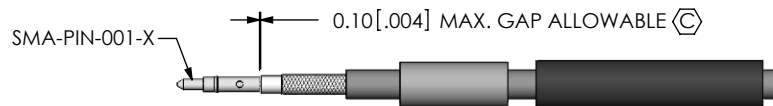
BY: R MUSSER 01/22/2008 SHEET 2 OF 3



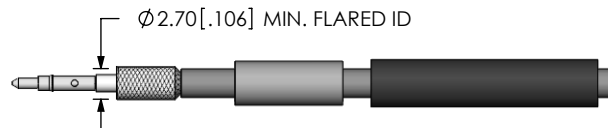
STRIP AND TIN INNER CONDUCTOR



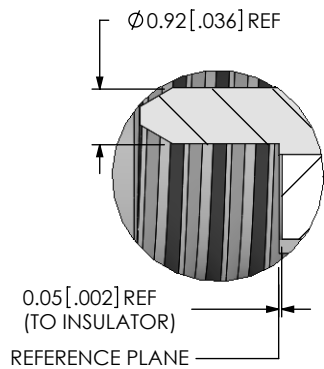
ADD HEAT SHRINK TUBE AND FERRULE



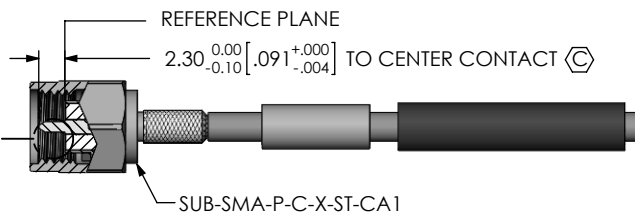
SOLDER SIGNAL PIN



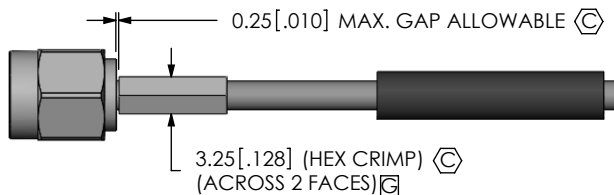
FLARE SHIELD



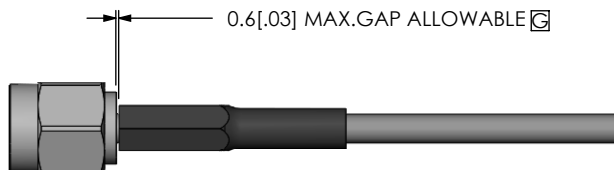
DETAIL 'A'
SCALE 8 : 1



ADD SUB-SMA-P-C-X-ST-CA1



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



APPLY HEAT SHRINK TUBING

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