

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

SMA-J-C-X-ST-BR1

GENDER
-J: JACK

TYPE
-C: CABLE

TERMINATION
-BR1: REVERSED POLARITY BULKHEAD (RG174 OR RG316)

ORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION
-H: HEAVY GOLD (SEE NOTES 7 & 8)
(SMA-NUT-001-F)
(SMA-LWAS-001-F)
(SMA-PIN-005-H)
(SMA-FER-001-F)
(SUB-SMA-J-C-F-ST-BH1)

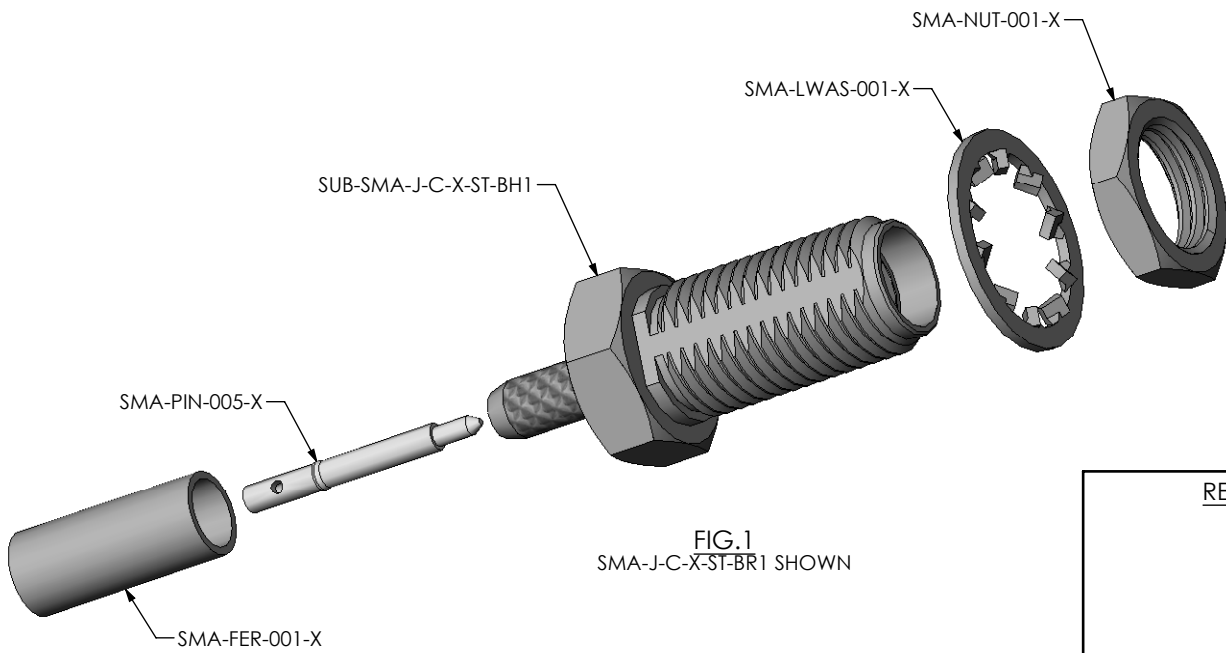
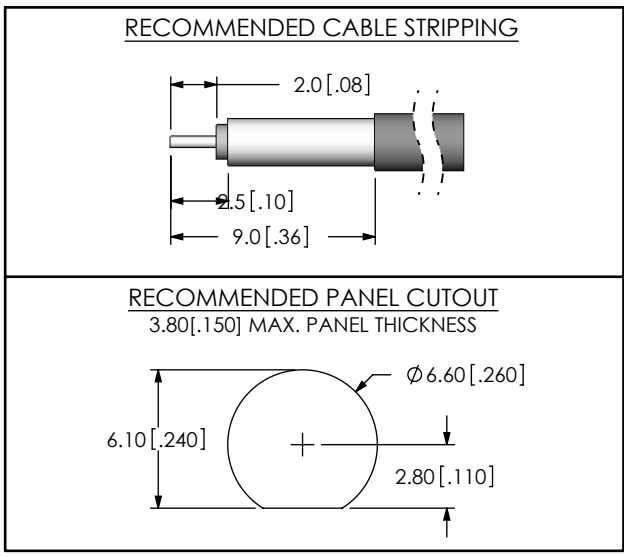


FIG.1
SMA-J-C-X-ST-BR1 SHOWN



- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
 2. CENTER CONTACT PUSHOUT FORCE = 26.69 N [6 LB] MIN.
 3. SEE SHEET 3 FOR TERMINATION INFORMATION.
 4. NOTE DELETED.
 5. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M.
 6. RoHS COMPLIANT.
 7. PLATING: -H: .000030" MIN GOLD OVER .000050" MIN NICKEL.
-F: .000003" 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

F:\DWG\MISC\MKTG\SMA-J-C-X-ST-BR1-MKT.SLDRW

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

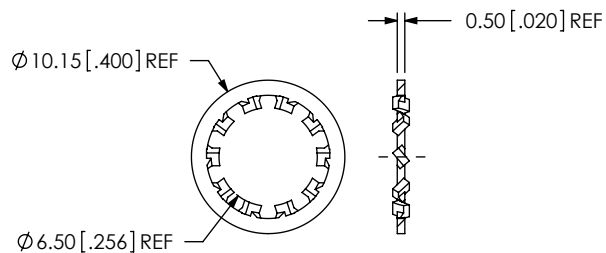
| DECIMALS | ANGLES |
|----------------------|--------|
| .X: ±0.3 [.01] | 2° |
| .XX: ±0.13 [.005] | |
| .XXX: ±0.051 [.0020] | |

PROPRIETARY NOTE
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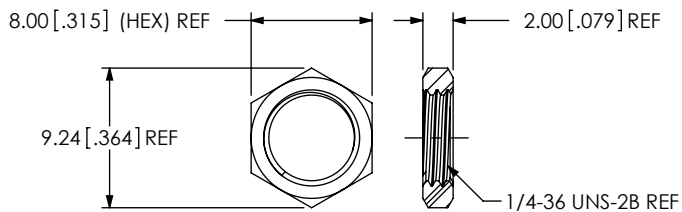
520 PARK EAST BLVD., NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

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

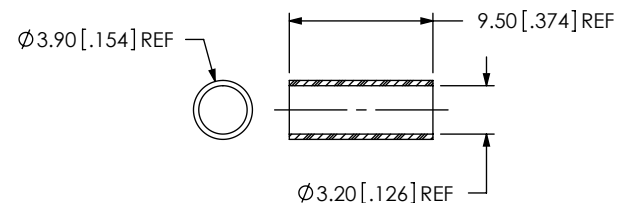
DESCRIPTION:
SMA STR JACK REV POLARITY, RG174 & RG316- 50 OHM
DWG. NO. SMA-J-C-X-ST-BR1



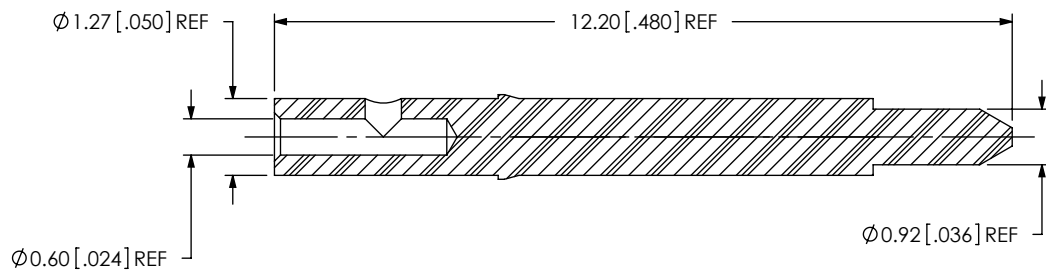
| SAMTEC PART NUMBER | ITEM |
|--------------------|-------------|
| SMA-LWAS-001-X | LOCK WASHER |



| SAMTEC PART NUMBER | ITEM |
|--------------------|---------|
| SMA-NUT-001-X | HEX NUT |

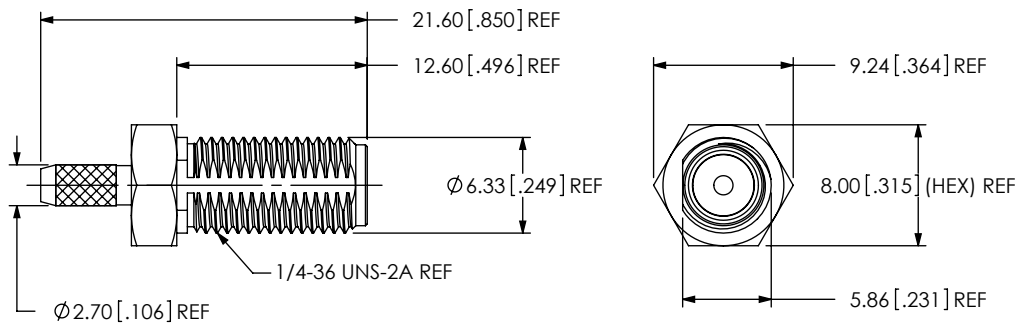


| SAMTEC PART NUMBER | ITEM |
|--------------------|---------------|
| SMA-FER-001-X | OUTER FERRULE |



SCALE 8 : 1

| SAMTEC PART NUMBER | ITEM |
|--------------------|------|
| SMA-PIN-005-X | PIN |



| SAMTEC PART NUMBER | ITEM |
|----------------------|--------------|
| SUB-SMA-J-C-X-ST-BH1 | SUB ASSEMBLY |

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

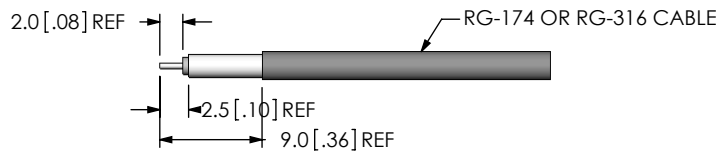


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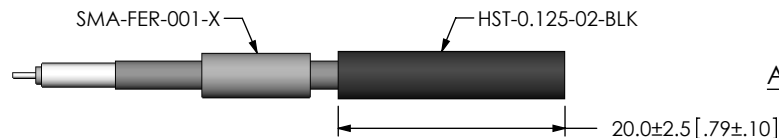
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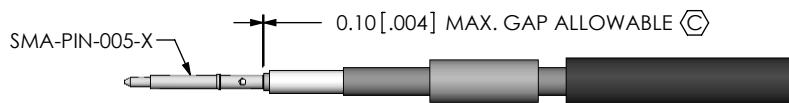
BY: R MUSSER 01/28/2008 SHEET 2 OF 3



STRIP AND TIN INNER CONDUCTOR



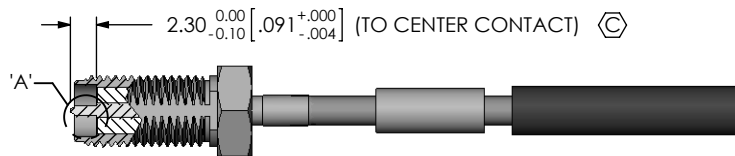
ADD HEAT SHRINK TUBE AND FERRULE



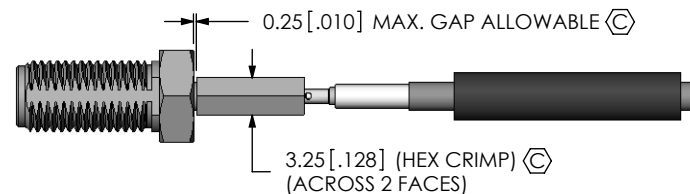
SOLDER SIGNAL PIN



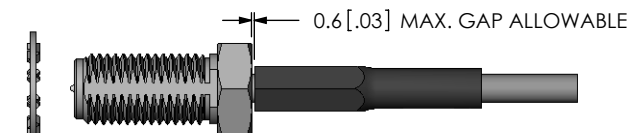
FLARE SHIELD



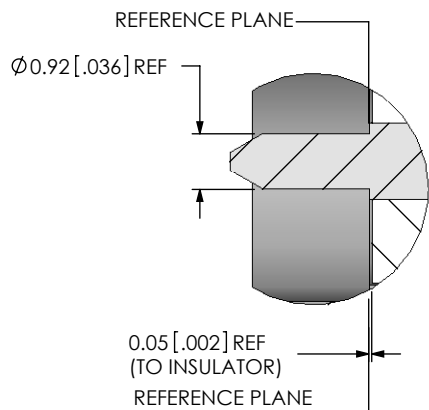
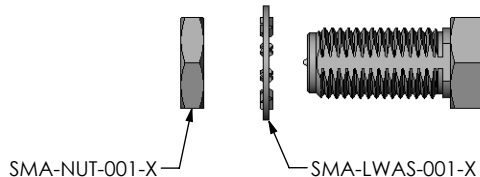
ADD SUB-SMA-J-C-X-ST-BH1



CRIMP FERRULE
(USE RF CRIMP HAND TOOL # CAT-HT-T26667-21 OR EQUIVALENT)



APPLY HEAT SHRINK TUBING



DETAIL 'A'
SCALE 8 : 1

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SHEET SCALE: 1.5:1



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