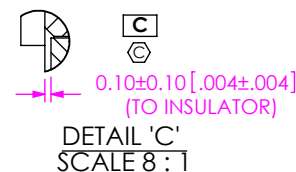
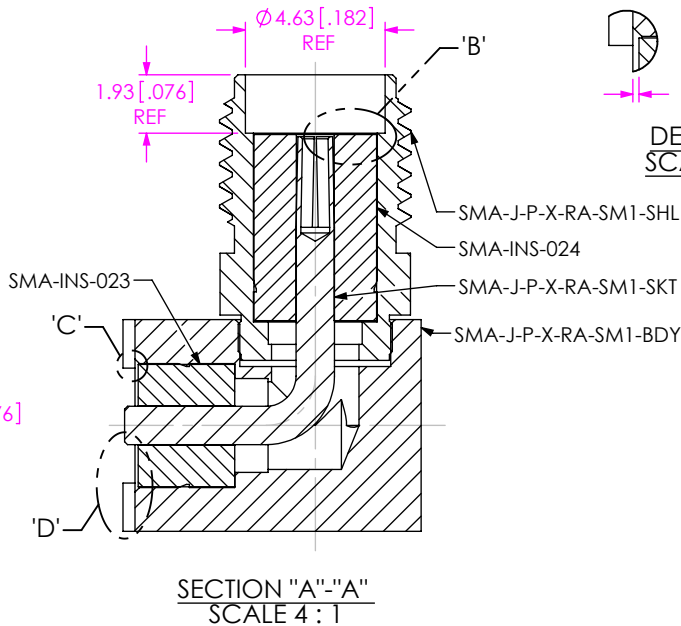
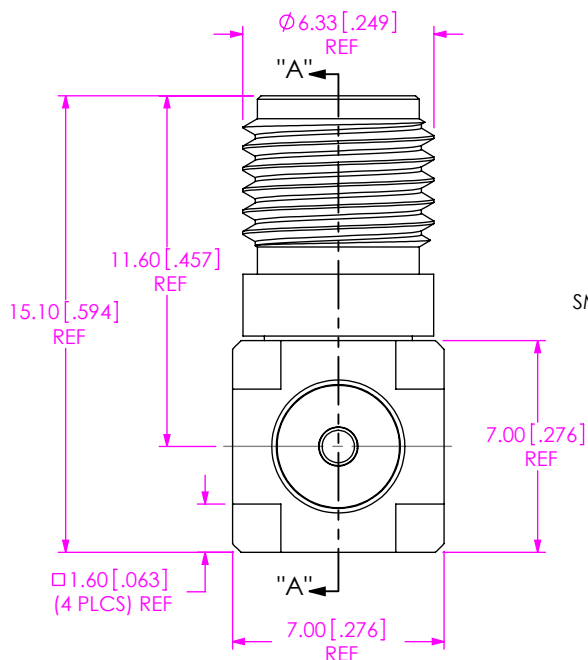
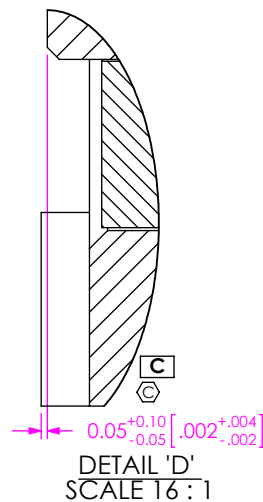
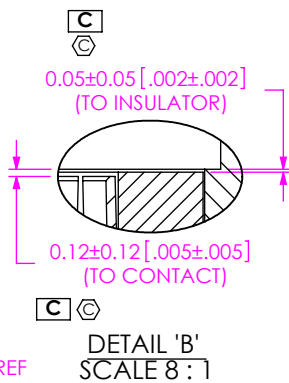
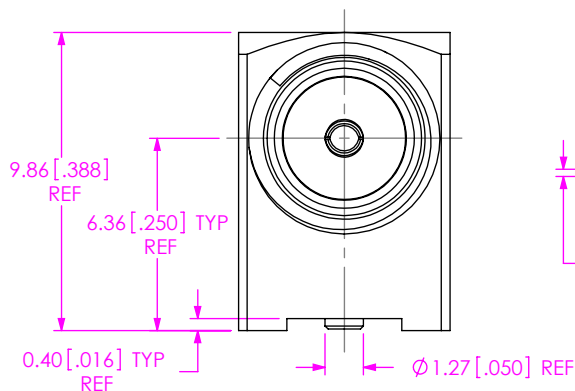


DESIGNED & DIMENSIONED  
IN MILLIMETERS [INCHES]

DO NOT  
SCALE FROM  
THIS PRINT



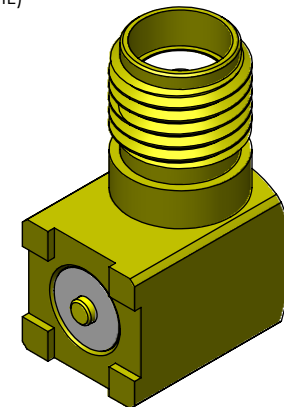
SMA-J-P-XX-RA-SM1

GENDER  
-J: JACK  
TYPE  
-P: PCB

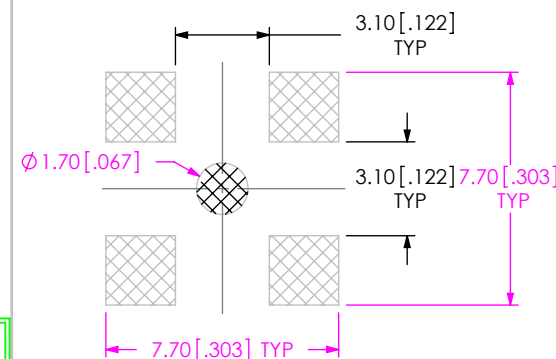
TERMINATION  
-SM1: SURFACE MOUNT  
ORIENTATION  
-RA: RIGHT ANGLE

PLATING SPECIFICATION

-H: HEAVY GOLD/FLASH GOLD (SEE NOTES 4 & 5)  
(SMA-J-P-F-RA-SM1-BDY)  
(SMA-J-P-H-RA-SM1-SKT)  
(SMA-J-P-F-RA-SM1-SHL)  
(SMA-INS-024)  
(SMA-INS-023)  
-GF: GOLD/FLASH GOLD (SEE NOTES 4 & 5)  
(SMA-J-P-F-RA-SM1-BDY)  
(SMA-J-P-G-RA-SM1-SKT)  
(SMA-J-P-F-RA-SM1-SHL)  
(SMA-INS-024)  
(SMA-INS-023)



RECOMMENDED PCB LAYOUT



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PRODUCT TO BE PACKAGED PER PACKAGING STANDARD CO-HD-WI-3040-M. TRAY: TY-SMA001-1; COVER: TY-SMA-001-2.
3. RoHS COMPLIANT.
4. COMPONENT PLATING DESIGNATIONS:  
-H: .000030" MIN. GOLD OVER .000050" MIN. NICKEL;  
-G: .000010" MIN. GOLD OVER .000050" MIN. NICKEL;  
-F: .000003" MIN. GOLD OVER .000050" MIN. NICKEL.
5. ASSEMBLY PLATING DESIGNATIONS:  
-H: (CENTER CONTACT)-H  
(OUTER CONTACT) -F  
-GF: (CENTER CONTACT)-G  
(OUTER CONTACT) -F

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

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES  
X.X: ±0.3 [.01] 5°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING

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

SHEET SCALE: 5:1

**samtec**

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

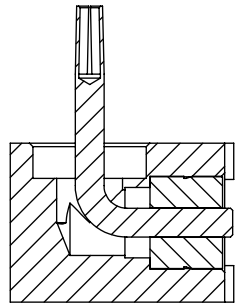
DESCRIPTION:

SMA RIGHT ANGLE, JACK, 50 OHM

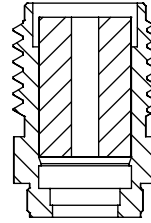
DWG. NO.

SMA-J-P-XX-RA-SM1

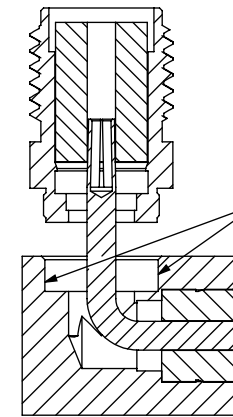
BY: ALVIN W 9/10/2010 SHEET 1 OF 2



IN-PROCESS 1  
INSERT CONTACT & INSULATOR

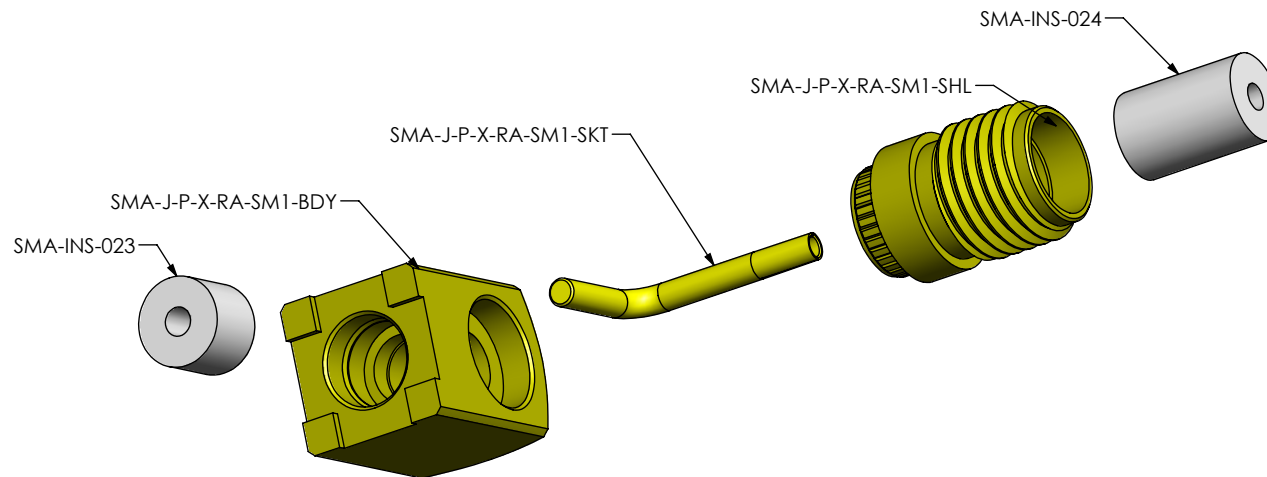


IN-PROCESS 2  
ADD INSULATOR(2)



ADD ADHESIVE AROUND ENTER  
CIRCUMFERENCE USE LOCTITE  
638 RETAINING COMPOUND

IN-PROCESS 3  
ADD ADHESIVE TO BODY



C

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SHEET SCALE: 3:1

**samtec**

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

DESCRIPTION:  
SMA RIGHT ANGLE, JACK, 50 OHM

DWG. NO.  
SMA-J-P-XX-RA-SM1

BY: ALVIN W 9/10/2010 SHEET 2 OF 2