

GENDER  
-P: PLUG

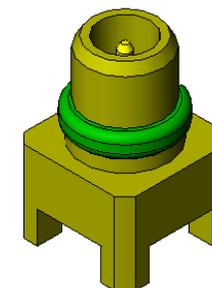
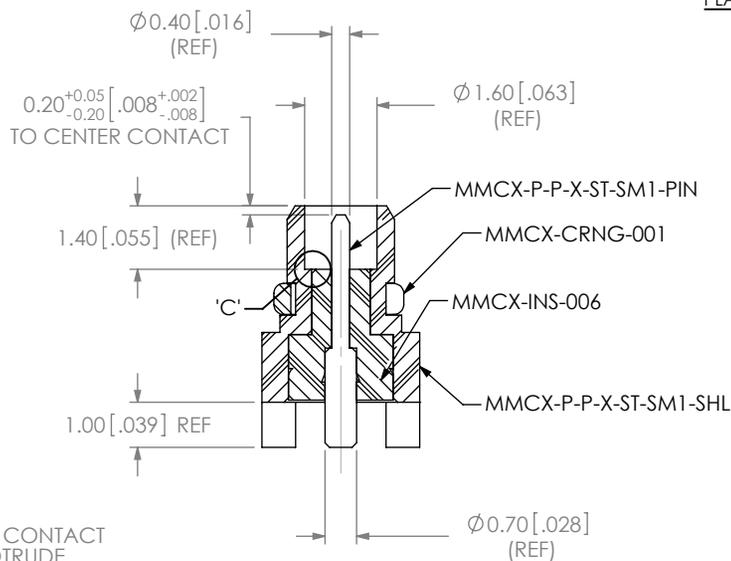
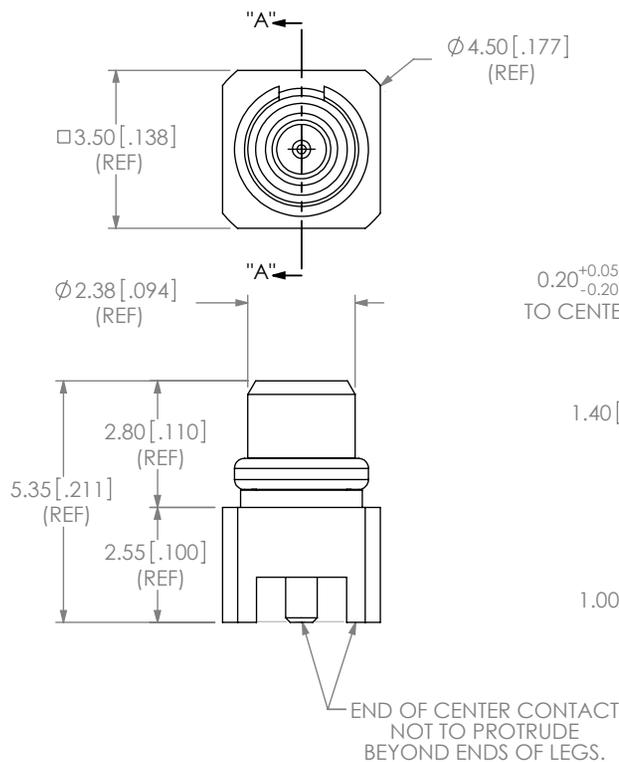
TYPE  
-P: PCB

PLATING SPECIFICATION  
-H: HEAVY GOLD  
(SEE TABLE 1)

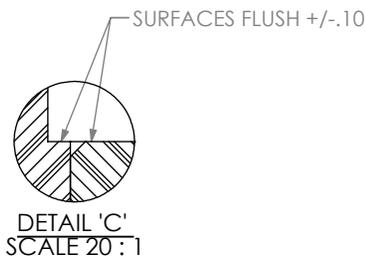
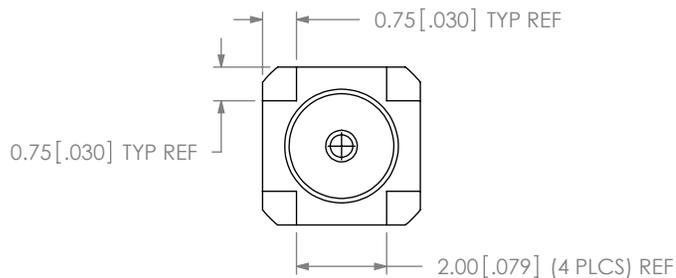
TERMINATION  
-SM1: SURFACE MOUNT

ORIENTATION  
-ST: STRAIGHT

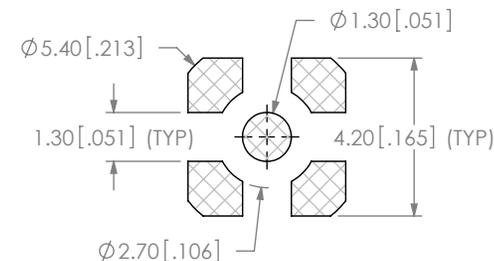
DO NOT  
SCALE FROM  
THIS PRINT



SECTION "A"- "A"



RECOMMENDED PCB LAYOUT



NOTES:

1. REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR INSULATOR: 22.24 N [5 LB] MIN.
3. PUSHOUT FORCE FOR CENTER CONTACT: 11.12 N [2.5 LB] MIN.
4. INSERTION AND WITHDRAWAL FORCES PER 2.2.2 OF EN 122340:2002.  
INSERTION = 18 N [4 LB] MAX.  
WITHDRAWAL = 6 N [1.3 LB] MIN. / 18 N [4 LB] MAX.
4. PARTS TO BE PACKAGED IN TRAYS; IF QUANTITY IS LESS THAN HALF TARY, PARTS TO BE PACKAGED IN COHESIVE FOAM.
5. RoHS COMPLIANT.

F:\DWG\MISC\MKTG\MMCX-P-P-X-ST-SM1-MKT.SLDDRW

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

DECIMALS ANGLES  
.X: ±0.3 [0.1] 2°  
.XX: ±0.13 [0.05]  
.XXX: ±0.051 [0.020]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR  
OR TRANSFERRED TO OTHER DOCUMENTS OR  
DISCLOSED TO OTHERS OR USED FOR ANY  
PURPOSE OTHER THAN THAT WHICH IT WAS  
OBTAINED WITHOUT THE EXPRESSED WRITTEN  
CONSENT OF SAMTEC, INC.



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: 6:1

SEE TABLE 1

DESCRIPTION:  
MMCX STRAIGHT, SMT PLUG- 50 OHM

DWG. NO.  
MMCX-P-P-X-ST-SM1

BY: R MUSSER 12/03/2007 SHEET 1 OF 1

TABLE 1: MATERIAL

SAMTEC PART NUMBER	ITEM	MATERIAL	PLATING - (REFERENCE)
MMCX-P-P-X-ST-SM1-SHL	SHELL	BRASS C3604B	0.00013[.000005] GOLD OVER .00127[.000050] NICKEL
MMCX-INS-006	INSULATOR	PTFE TEFLON (WHITE)	N/A
MMCX-P-P-X-ST-SM1-PIN	PIN	BRASS C3602B	0.00076[.000030] GOLD OVER .00127[.000050] NICKEL
MMCX-CRNG-001	C-RING	BeCu C17300	0.00008[.000003] GOLD OVER .00127[.000050] NICKEL