

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

MMCX-P-P-X-ST-EM1

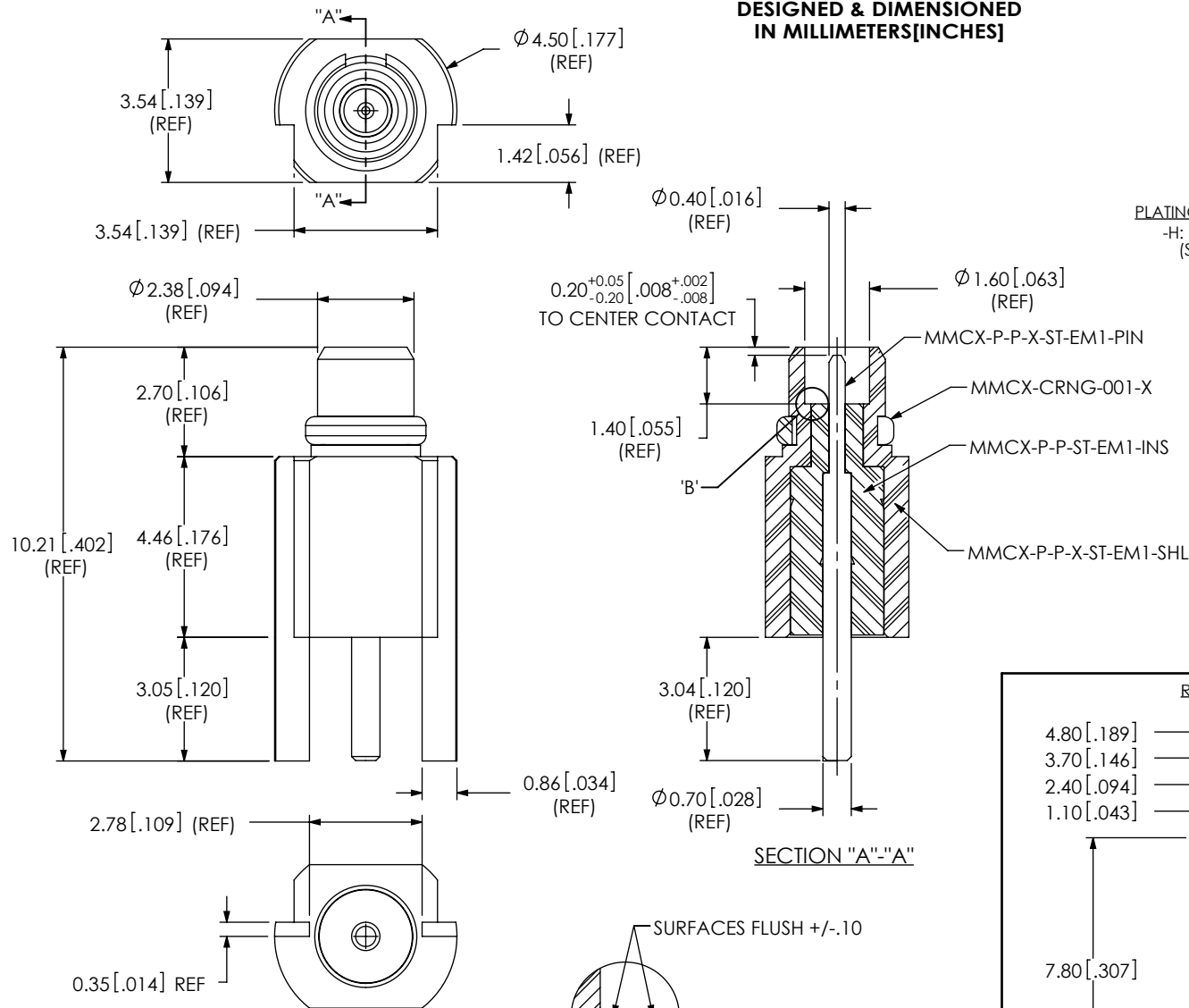
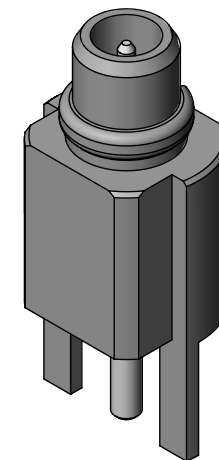
GENDER
-P: PLUG

TYPE
-P: PCB

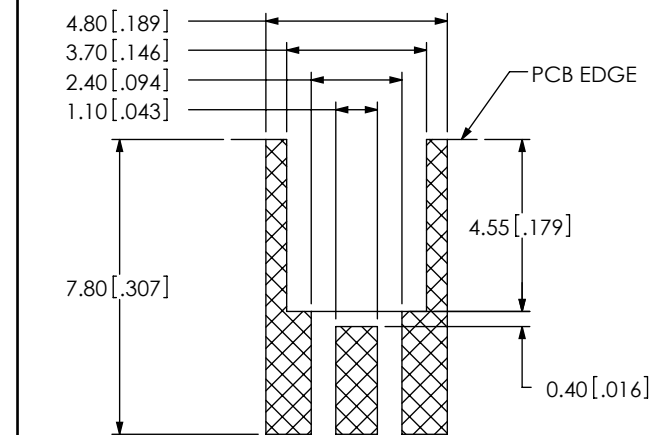
PLATING SPECIFICATION
-H: HEAVY GOLD
(SEE TABLE 1)

TERMINATION
-EM1: EDGE MOUNT

ORIENTATION
-ST: STRAIGHT

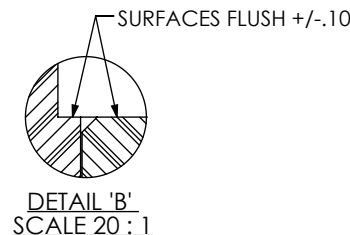


RECOMMENDED PCB LAYOUT



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.
5. PARTS TO BE PACKAGED IN TRAYS; IF QUANTITY IS LESS THAN HALF TRAY, PARTS TO BE PACKAGED IN COHESIVE FOAM.
6. RoHS COMPLIANT.



F:\DWG\MISC\MKTG\MMCX-P-P-X-ST-EM1-MKT.SLDDRW

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:

SEE TABLE 1

DO NOT SCALE DRAWING

SHEET SCALE: 6:1

DESCRIPTION:

MMCX STRAIGHT, EDGE MOUNT PLUG- 50 OHM

DWG. NO.

MMCX-P-P-X-ST-EM1

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-EM1-SHL	SHELL	BRASS C3604B	0.00008[.000003] GOLD OVER .00127[.000050] NICKEL
MMCX-P-P-X-ST-EM1-INS	INSULATOR	PTFE TEFLON (WHITE)	N/A
MMCX-P-P-X-ST-EM1-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