

DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

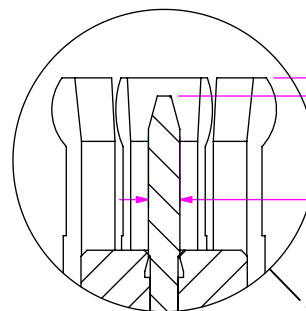
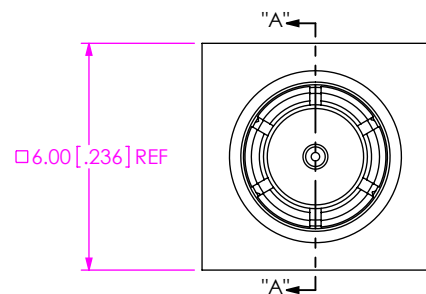
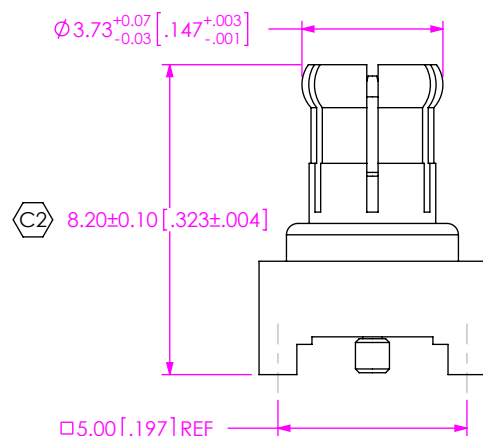
MCX7-P-P-XX-ST-SM1

GENDER
-P: PLUGTYPE
-P: PCBTERMINATION
-SM1: SURFACE MOUNTORIENTATION
-ST: STRAIGHT

PLATING SPECIFICATION

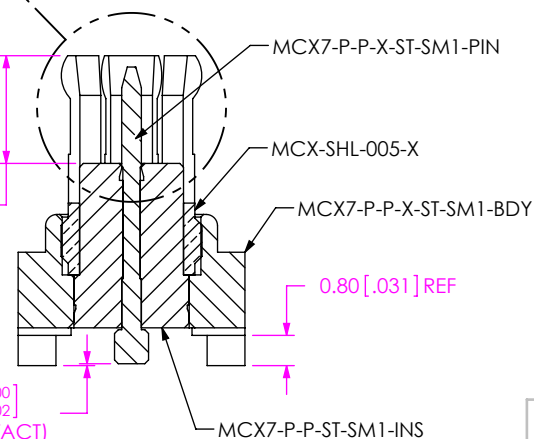
-HN: HEAVY GOLD/NICKEL (SEE NOTE 6 & 7)
(MCX7-P-P-H-ST-SM1-PIN)
(MCX-SHL-005-F)
(MCX7-P-P-ST-SM1-INS)
(MCX7-P-P-N-ST-SM1-BDY)

-H: HEAVY GOLD (SEE NOTE 6 & 7)
(MCX7-P-P-H-ST-SM1-PIN)
(MCX-SHL-005-F)
(MCX7-P-P-ST-SM1-INS)
(MCX7-P-P-F-ST-SM1-BDY)

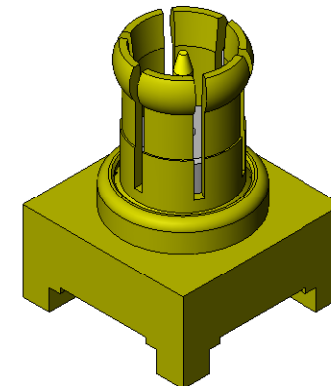
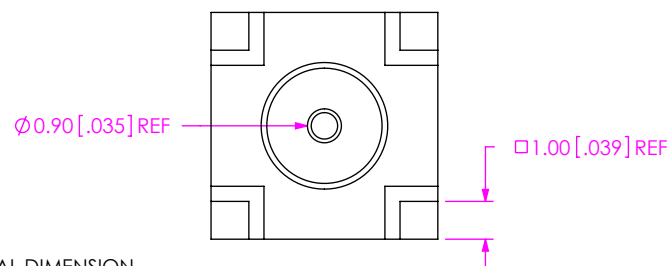
DETAIL 'B'
SCALE 8:1

C3 2.85 +0.10/-0.05 [0.112 +0.004/-0.002]
(TO INSULATOR)

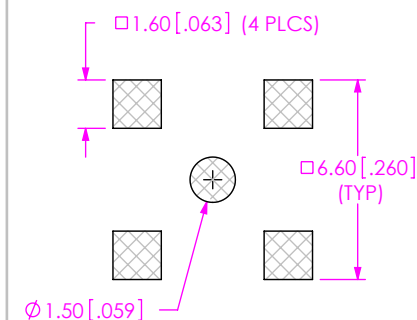
C4 0.05 0.00 [0.002 +0.000/-0.002]
(TO CENTER CONTACT)



SECTION "A"-A"

FIG.1
MCX7-P-P-XX-ST-SM1 SHOWN

RECOMMENDED PCB LAYOUT



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PUSHOUT FORCE FOR INSULATOR: 20 N [4.5 LB] MIN.
3. PUSHOUT FORCE FOR CENTER CONTACT: 10 N [2.25 LB] MIN.
4. PARTS TO BE PACKAGED IN TRAYS; IF QUANTITY IS LESS THAN HALF TRAY, PARTS TO BE PACKAGED IN COHESIVE FOAM.
5. RoHS COMPLIANT.
6. COMPONENT PLATING DESIGNATIONS:
-H: 0.000030" MIN. GOLD OVER 0.000050" MIN. NICKEL.
-F: 0.000003" MIN. GOLD OVER 0.000050" MIN. NICKEL.
-N: 0.000100" MIN. NICKEL.
7. ASSEMBLY PLATING DESIGNATIONS:
-HN: (CENTER CONTACT)-H:
(OUTER CONTACT)-F:
(REMAINING METAL PARTS)-N:
-H: (CENTER CONTACT)-H:
(OUTER CONTACT)-F:
(REMAINING METAL PARTS)-F:

THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSING

F:\DWG\MISC\Mktg\MCX7-P-P-XX-ST-SM1-MKT.SLDRW

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

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

PROPRIETARY NOTE

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PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 5:1

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

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

DESCRIPTION:

MCX STRAIGHT, SURFACE MOUNT PLUG- 75 OHM

DWG. NO.

MCX7-P-P-XX-ST-SM1

BY: R MUSSER

11/30/2007

SHEET 1 OF 1

Mouser Electronics

Authorized Distributor

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[MCX7-P-P-HN-ST-SM1](#)