

REVISION AS

DO NOT SCALE
FROM THIS PRINT

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:
ONE PLC DECIMALS $\pm .1$ [2.54]	THREE PLC DECIMALS $\pm .005$ [.127]	ANGLES $\pm 2^\circ$	
TWO PLC DECIMALS $\pm .01$ [.254]	FOUR PLC DECIMALS $\pm .0020$ [.0508]		

TITLE:
2mm THROUGH HOLE
BOX CONNECTOR
STRIP ASSEMBLYDWG NO:
MMS-1XX-01-XXX-XX-XXX
SHEET 1 of 2

MMS-1XX-01-XXX-XX-XXX

NO. OF POSITIONS PER ROW
-02 THRU -40 FOR DOUBLE ROW
-02 THRU -40 FOR SINGLE ROWLEAD STYLE
-01 = THROUGH HOLE
(SEE TABLE 1)

PLATING

-L = LIGHT SELECTIVE, MATTE TIN TAIL
-S = SELECTIVE, MATTE TIN TAIL
**-T = TIN
-F = FLASH SELECTIVE, MATTE TIN TAIL
-H = HEAVY GOLD
(ENTRY STYLE: -SV, -DV AND -DH ONLY)
-LM = LIGHT SELECTIVE; MATTE TIN TAIL
-SM = SELECTIVE, MATTE TIN TAIL
**-TM = TIN, MATTE TIN TAIL
-FM = FLASH SELECTIVE, MATTE TIN TAIL
-LTL = LIGHT SELECTIVE, TIN/LEAD TAIL

POLARIZING OPTION
SPECIFY POSITION TO BE POLARIZED
(USE PK-07-N)

ENTRY/ROW SPECIFICATION

-SH= SINGLE ROW, HORIZONTAL ENTRY (USE MMS-XX-S -SEE NOTE 7)
-DH= DOUBLE ROW, HORIZONTAL ENTRY (USE MMS-XX-D -SEE NOTE 7)
☐ -XD = DUAL ENTRY
☐ -XP = PASS THROUGH ENTRY
XV = VERTICAL (TOP) ENTRY

☐ = ENTRY OPTION AVAILABLE TO
EXISTING CUSTOMERS ONLY

** = AVAILABLE TO EXISTING CUSTOMERS ONLY

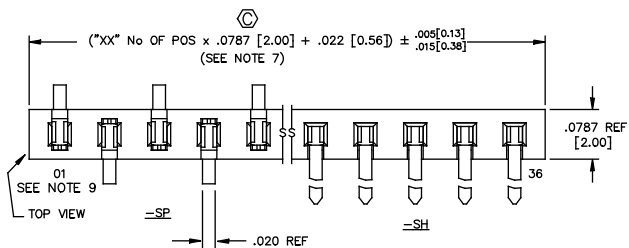


FIG 1

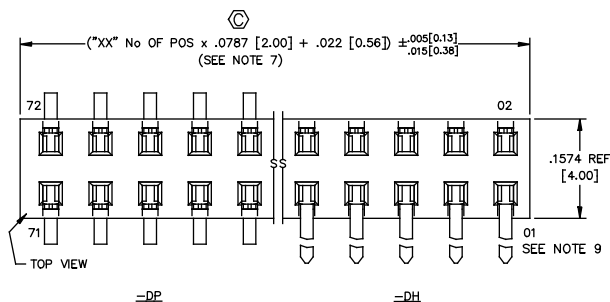
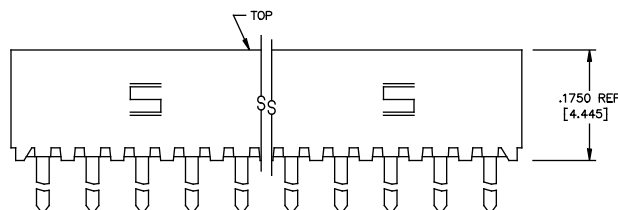


FIG 2



LEAD/ENTRY CONTACT 1

TABLE 1

	CONTACT 1	CONTACT 2	PACKAGING TUBE	PLUG
☐ 01-SD	C-63-01-XXX		PT-1-24-02-23	TP-24
☐ 01-DD	C-63-01-XXX		PT-1-24-01-25	TP-03
☐ 01-SP	C-63-10-XXX		PT-1-24-03-16	TP-03
☐ 01-DP	C-63-10-XXX		PT-1-24-01-27	TP-03
01-SH	C-63-05-XXX		PT-1-24-01-37	TP-24
01-DH	C-63-03-XXX	C-63-04-XXX	PT-1-24-03-09	TP-09
01-L-SV	C-63-29-XXX		PT-1-24-01-23	TP-12
01-L-DV	C-63-29-XXX		PT-1-24-19-09	TP-24
01-S-SV	C-63-29-XXX		PT-1-24-01-23	TP-12
01-S-DV	C-63-29-XXX		PT-1-24-19-09	TP-24
01-T-SV	C-63-29-XXX		PT-1-24-01-23	TP-12
01-T-DV	C-63-29-XXX		PT-1-24-19-09	TP-24
01-F-SV	C-63-29-XXX		PT-1-24-01-23	TP-12
01-F-DV	C-63-29-XXX		PT-1-24-19-09	TP-24
01-H-SV	C-63-29-XXX		PT-1-24-01-23	TP-12
01-H-DV	C-63-29-XXX		PT-1-24-19-09	TP-24

NOTES:

- CONTACT RETENTION FORCE: SINGLE ROW .5 LB MIN.
CONTACT RETENTION FORCE: DOUBLE ROW 1 LB MIN.
- MAX ALLOWABLE BOW: .003 INCH/INCH.
- MAX ALLOWABLE SWAY: 2° IN EITHER DIRECTION.
- 1st POS. WILL ALWAYS POINT UP ON TOP VIEW AS SHOWN.
- [] DIMS ARE IN METRIC AND ARE NOT CONTROLLING DIMS.
- (Ⓢ) REPRESENTS A CRITICAL DIMENSION.
- CUT BODIES FROM MMS-40-D AND MMS-40-S.
- POSITIONS -02 THRU -04 ARE TO BE BULK PACKAGED.
- # 1 PIN LOCATION IS THE SAME FOR ALL LEAD STYLES WITHIN A ROW OPTION.
SH, -SP, -SD, -SV SEE FIG 1. DH, -DP, -DD, -DV, SEE FIG 2
- MAXIMUM PIN HEIGHT VARIATION BETWEEN TWO PINS IN THE SAME ROW IS +/- .005.
- MAXIMUM BURR INSIDE CONTACT BARREL: .003 [.08]
- MAXIMUM CUT FLASH: .020 [0.51]

PLOT SCALE: 1=.15 / DIMSCALE: .1

EXISPROD\ASSEMBLY\2MM
MMS01ASM**samtec**520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 11147
CODE 55322MADE BY:
PURVIS 2-12-93MMS-1XX-01-XXX-XX-XXX
SHEET 1 OF 2

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.