



**THE DATASHEET OF
S2M-105-01-L-D**



DO NOT
SCALE FROM
THIS PRINT

NO OF POSITIONS

02,-04, -05, -07, -10, -15, -20, -25, & -30 (PER ROW) AVAILABLE AS STANDARD; OTHER SIZES BETWEEN -05 THRU -50 AVAILABLE AS ASO

LEAD STYLE

- 01: THROUGH HOLE (USE C-56-01-X)
- 02: SURFACE MOUNT (USE C-56-05-X) (31-50 POSITION, NOT RELEASED)

PLATING SPECIFICATION

- F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (USE C-56-XX-F)
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (USE C-56-XX-S)
- L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL. (USE C-56-XX-L)

PACKAGING

-TR: TAPE & REEL (-02 LEAD ONLY)

OPTION

- K: POLYIMIDE FILM PAD (USE K-DOT-.217-.313-.005) (-02 LEAD ONLY)
- LC: LOCKING CLIP (-02 LEAD STYLE ONLY) (USE LC-07-TM)
- DS: DUAL SCREW DOWN FOR .062 BOARD (SEE FIG 4 & 5 SHT 3) (NOT AVAILABLE WITH -LC OPTION) (ONLY AVAILABLE 2-30 POSITIONS) (USES S2M-XX-D-DS, CPS-RR-XX-XX-X, ACCRT-01 AND WT-27-02-T ALWAYS FILLED)

ROW SPECIFICATION

-D: DOUBLE ROW

(**= MUST CHOOSE -02 LEAD AND -TR PACKAGING)

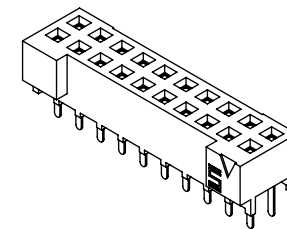
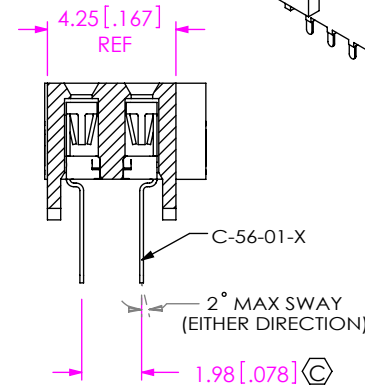
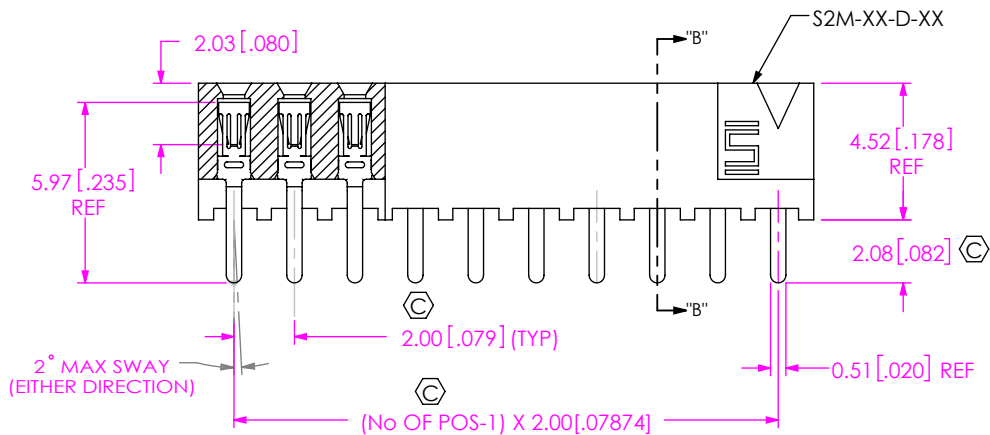
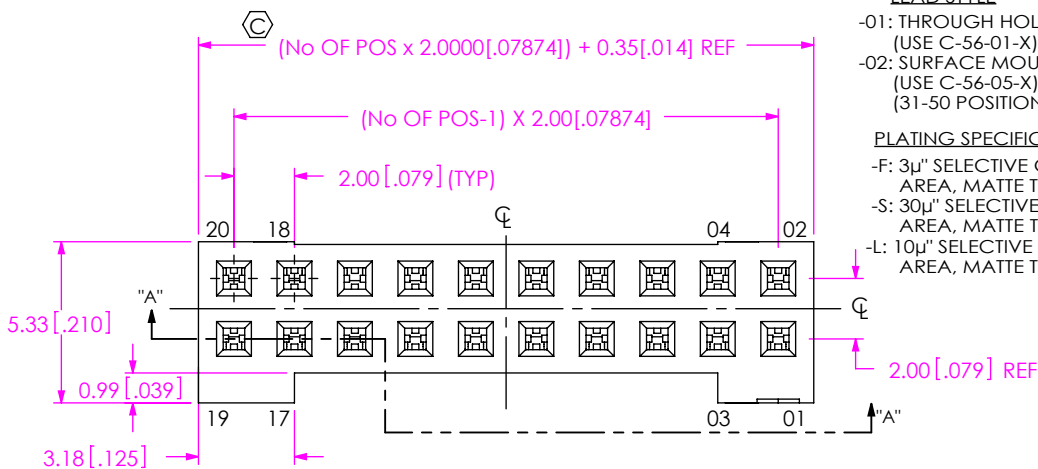


FIG 1
S2M-110-01-XX-D SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM CONTACT RETENTION FORCE: 4.45 N[1.000 LB.].
3. "-LC" OPTION FOR A -02 POSITION WILL HAVE ONLY ONE LOCKING CLIP (LC-07-X).
4. MINIMUM RETENTION FOR LOCKING CLIP, WELD TAB & ACCRT: 3.3 N [.75 LB.].
5. MAXIMUM ALLOWABLE VARIATION BETWEEN ROWS 0.13 [.005].

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3[.01] 2°
X.XX: ±0.13[.005]
X.XXX: ±0.051[.0020]

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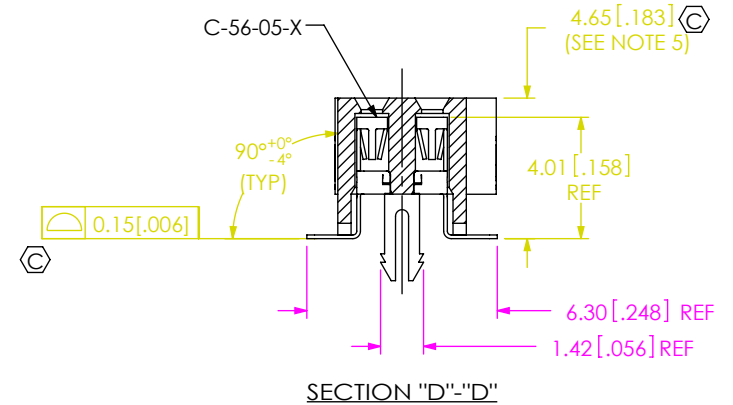
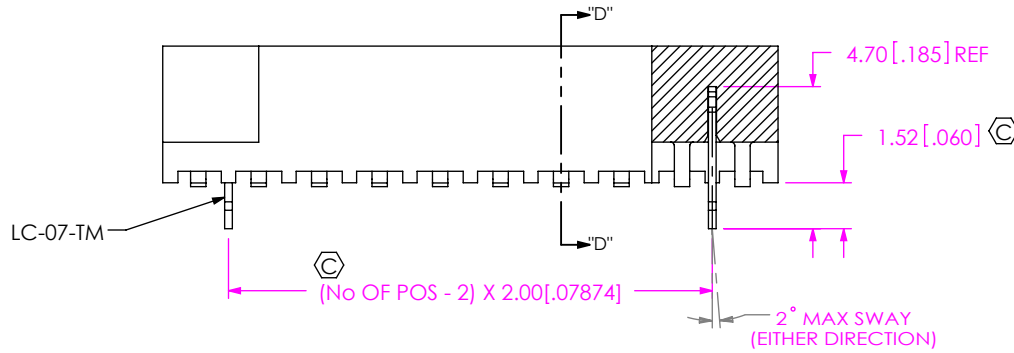
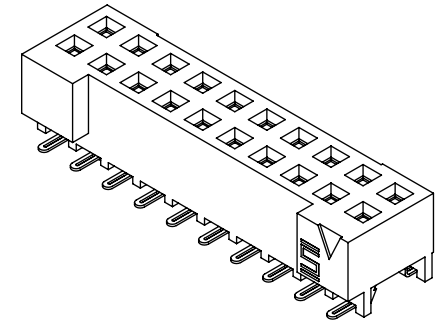
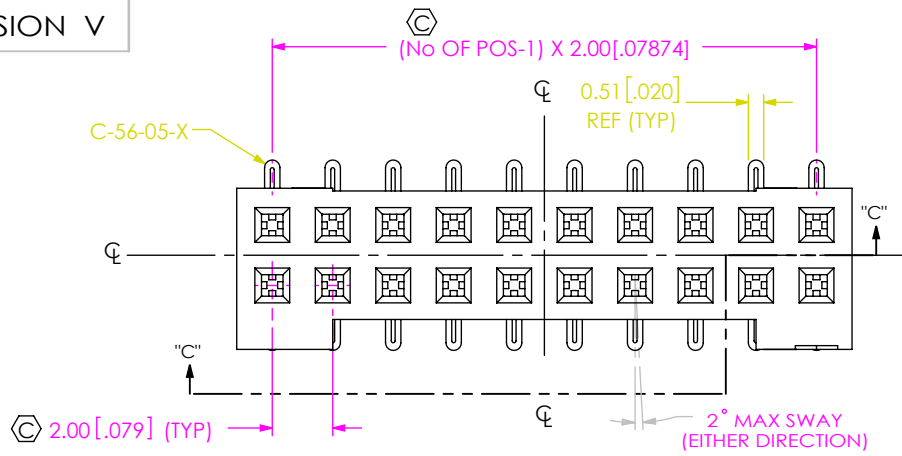


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
LCP COLOR: BLACK
CONTACT: BeCu

DESCRIPTION: 2mm DOUBLE ROW SOCKET STRIP

DWG. NO. S2M-1XX-XX-X-D-XX-XX



SECTION "C"- "C"

SECTION "D"- "D"

FIG 2
S2M-110-02-X-D-LC SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

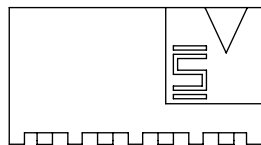
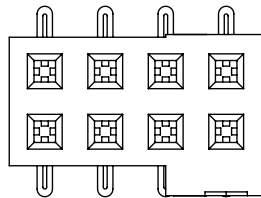


FIG 6
S2M-104-02-X-D SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)

F:\DWG\MISC\MKTG\S2M-1XX-XX-X-D-XX-XX-MKT.SLDDRW

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SHEET SCALE: 4:1



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DWG. NO. S2M-1XX-XX-X-D-XX-XX
BY: T NEWTON 09-16-2010 SHEET 2 OF 4

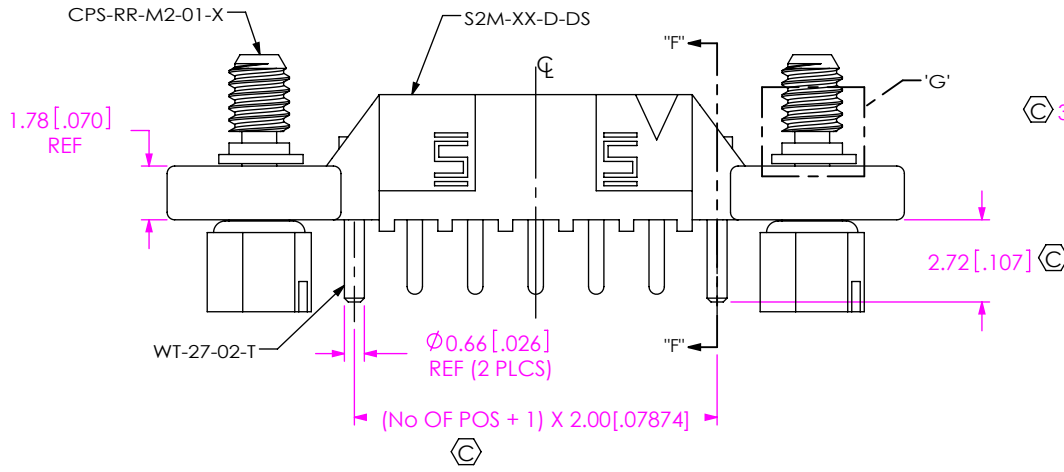
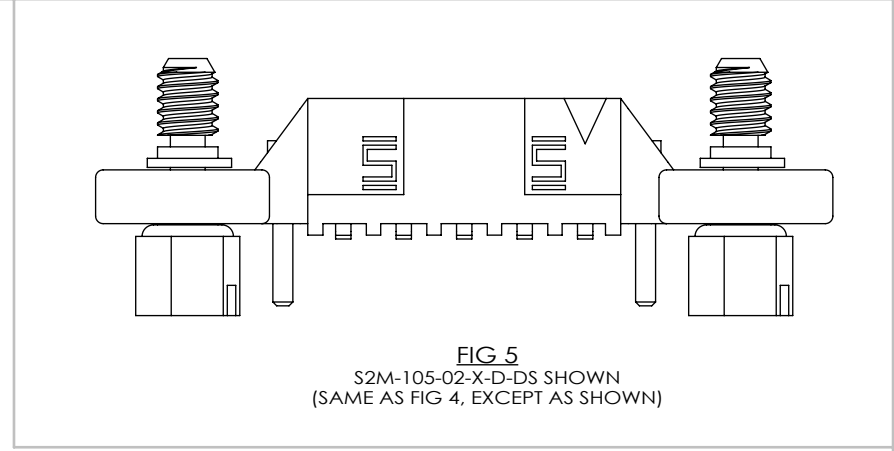
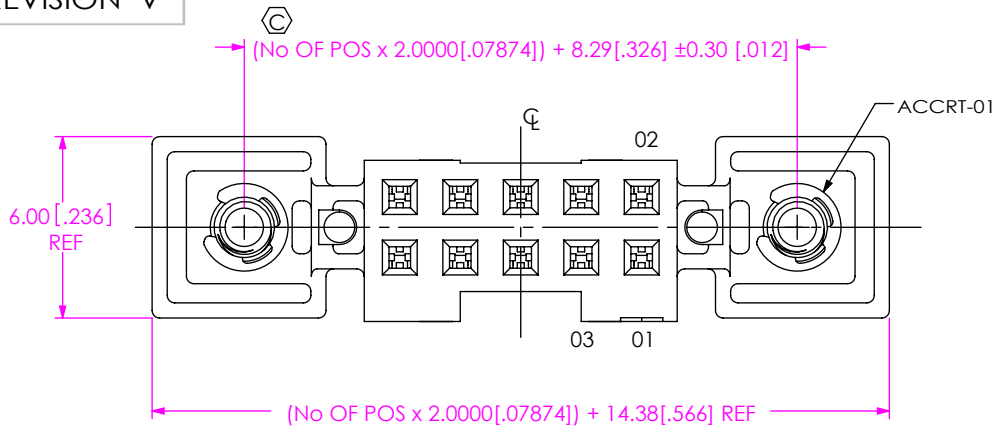
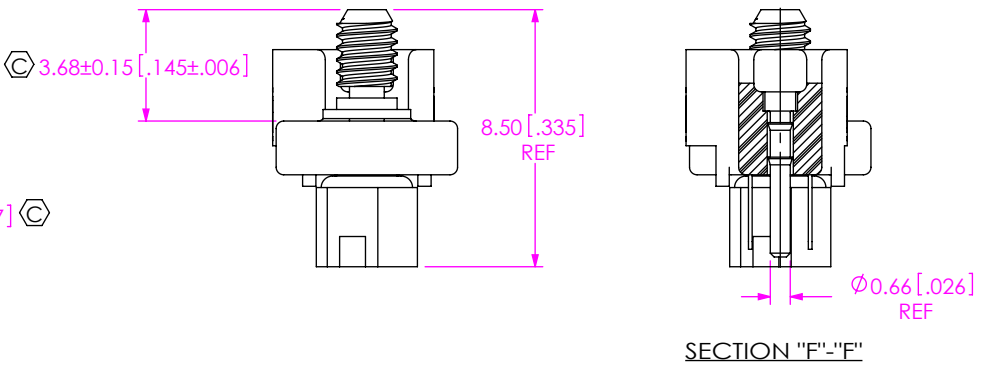
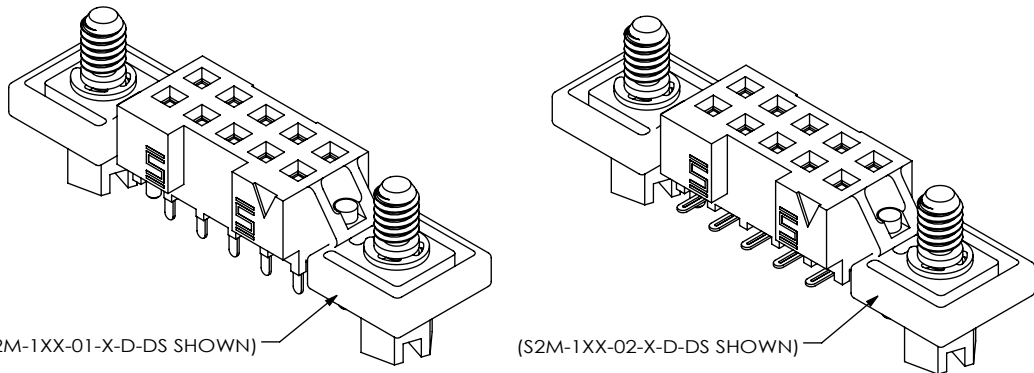


FIG 4
S2M-105-01-X-D-DS SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



DETAIL 'G'
SCALE 8 : 1



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BY:	T NEWTON 09-16-2010
	SHEET 3 OF 4

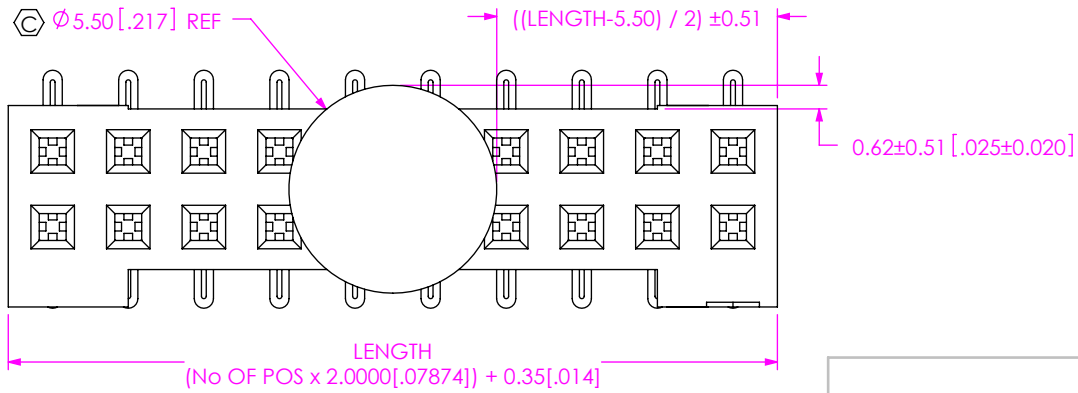
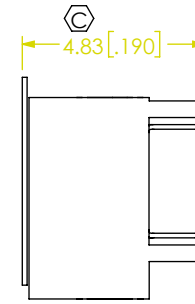
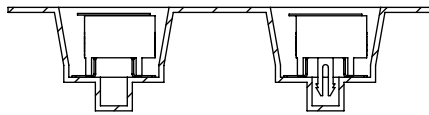
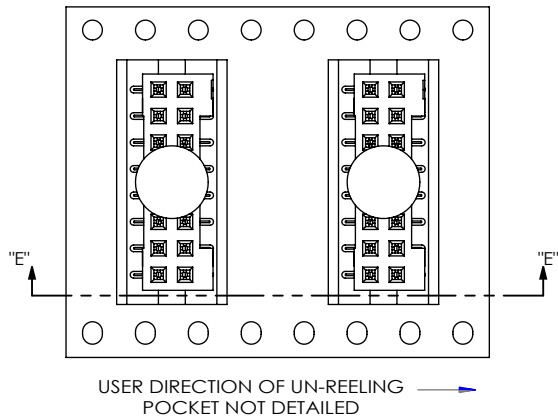


FIG. 3
S2M-110-02-X-D-K SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)

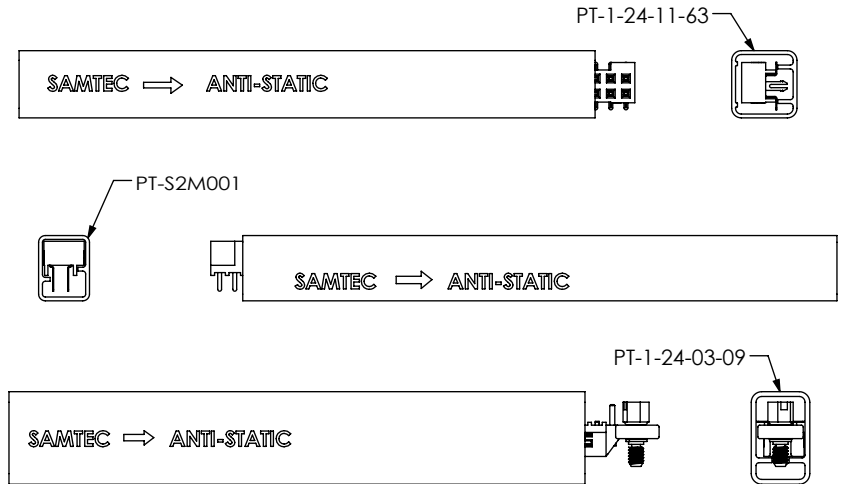


PACKAGING VIEW
(#1 PIN OPPOSITE THE DIRECTION ARROW ON THE TUBE)



SECTION "E"-"E"
SCALE 1.75 : 1

TAPE & REEL VIEW



TUBE TABLE		
LEAD STYLE	TUBE	PLUG
-01	PT-S2M001	TP-09
-02	PT-1-24-11-63	TP-24
-XX-DS	PT-1-24-03-09	TP-03

F:\DWG\MISC\MKTG\S2M-1XX-XX-X-D-XX-XX-MKT.SLDDRW

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