

DO NOT
SCALE FROM
THIS PRINT

TABLE 1						
STYLE	"B"	"C"	"D" MAX	"E"	"F"	TERMINAL
-01	.230[5.84]	.280[7.11]	.208[5.28]	.445[11.30]	.165 [4.19]	T-1S6-16-X-2
-02	.320[8.13]	.370[9.40]	.205[5.20]	.530[13.46]	.165 [4.19]	T-1S6-08-X-2
-03	.420[10.67]	.470[11.94]	.205[5.20]	.630[16.00]	.165 [4.19]	T-1S6-15-X-2
-04	.120[3.05]	.270[6.86]	.208[5.28]	.335[8.51]	.050 [1.27]	T-1S6-21-X-2
-05	.075[1.91]	.270[6.86]	.223[5.66]	.300[7.62]	.050 [1.27]	T-1S6-18-X-2

TSM-1XX-XX-XXX-SV-XX-XXX-X-XX

No OF POSITIONS
-02 THRU -50LEAD STYLE
SEE TABLE 1

PLATING SPECIFICATION

-T: MATT TIN CONTACT AND TAIL
 -S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
 -G: GOLD, 10 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
 -L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL
 -F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
 -H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL
 -TL: TIN / LEAD (90/10+/-5%) CONTACT AND TAIL [LEAD STYLE -01 & -02 ONLY]
 -STL: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, TIN/LEAD (90/10+/-5%) TAIL [LEAD STYLE -01 & -02 ONLY]
 -TM: MATTE TIN CONTACT AND TAIL
 -SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
 -LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
 -FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
 -SS: STRIPE SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL (SEE NOTE 9)

PACKAGING

BLANK: TUBE OR LAYER (SEE NOTE 4, SHT 2)
 -TR: TAPE & REEL (SEE NOTES 7, 13 & 14)
 -FR: FULL REEL QTY. TAPE & REEL (SEE NOTES 7, 13 & 14)
 (-XR IS AVAILABLE FOR -02 THRU -22 POS)

PICK & PLACE OPTION

-P: PICK & PLACE PAD (SEE FIG 3)
 [USE PPP-07] (4 POS MINIMUM OR -02 & -03 POS WITH -TR & -FR) (SEE NOTE 7)

OPTION #2

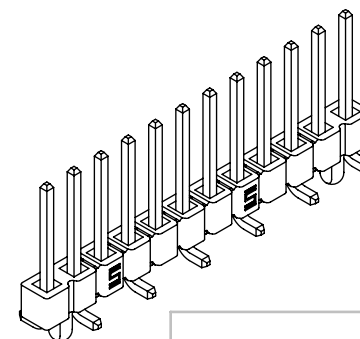
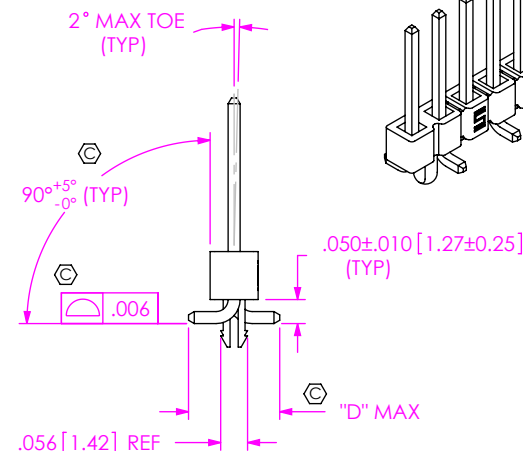
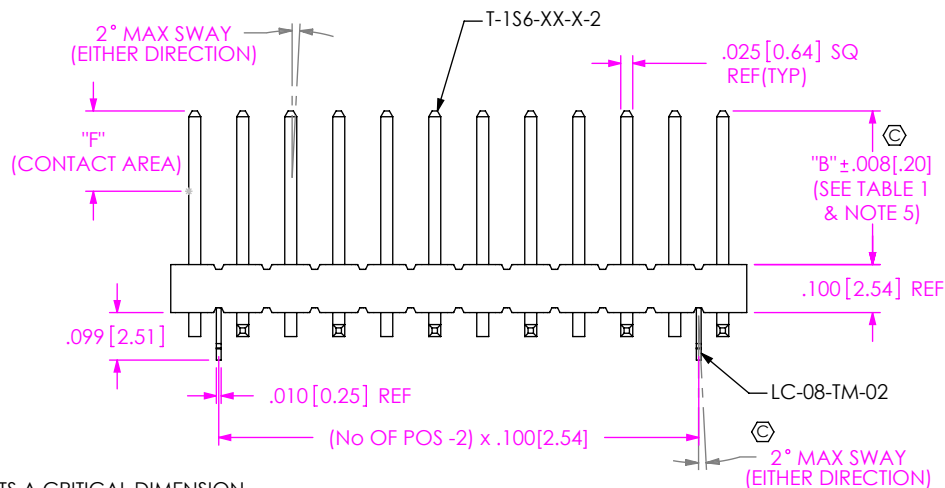
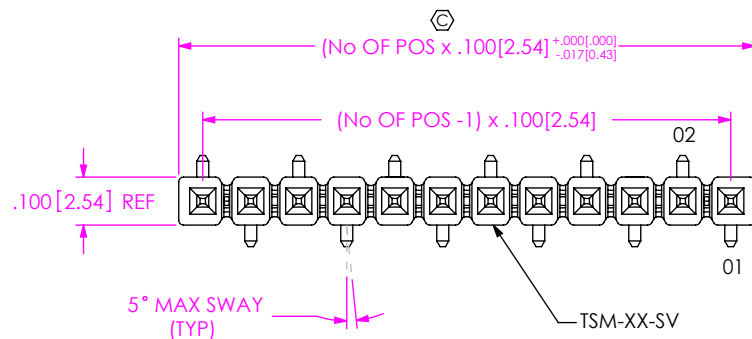
POLARIZED POSITION: SPECIFY PIN OMITTED

OPTION #1

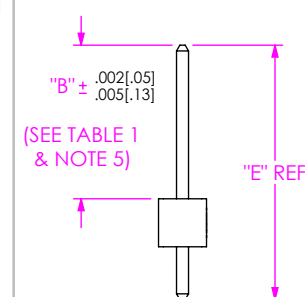
-LC: LOCKING CLIP (SEE FIG 1) (SEE NOTE 8)
 [USE LC-08-TM-02] (-03 THRU -36 POS: 2 PER STRIP, -02 POS: 1 PER STRIP)
 -A: ALIGNMENT PIN (SEE FIG 2)

ROW SPECIFICATION

-SV: SINGLE VERTICAL (USE TSM-XX-SV-XX)



IN-PROCESS



NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY TO BE WITHIN .006[.15].
- BURR ALLOWANCE: .0015[.038] MAX.
- MAXIMUM CUT FLASH: .015[.38] MAXIMUM ON TOP & SIDES OF BODY AND .030[.76] MAXIMUM ON SURFACE MOUNT SIDE OF BODY.
- POST HEIGHT VARIATION BETWEEN ANY TWO PINS: .005[.13] MAXIMUM.
- MAXIMUM ALLOWABLE BOW: .002[.05] INCH/INCH AFTER ASSEMBLY.
- LEADS MAY NOT BE VISIBLE FOR CUSTOMER VISUAL INSPECTION WITH -P OPTION ON SMALLER POSITIONS PARTS.
- DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
- 01 LEAD STYLE ONLY, MATES WITH SSW, SSQ, BCS, SSM, ESW, ESQ.
- MINIMUM PUSHOUT FORCE: 2LB. [8.90 N].
- NOTE DELETED.
- NOTE DELETED.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
- ATTACH LABEL-4X2 TO EACH REEL.

FIG 1

TSM-112-02-XXX-SV-LC SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.005 [.13]
 .XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

INSULATOR:
 LCP, UL 94 VO
 COLOR: BLACK

TERMINAL: PHOS BRONZE

c:\enterprise\valf\DWG\MISC\MKTG\TSM-1XX-XX-XXX-SV-XX-XXX-X-XX-MKT.SLDDRW

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:

SINGLE ROW .100 SMT ASSEMBLY

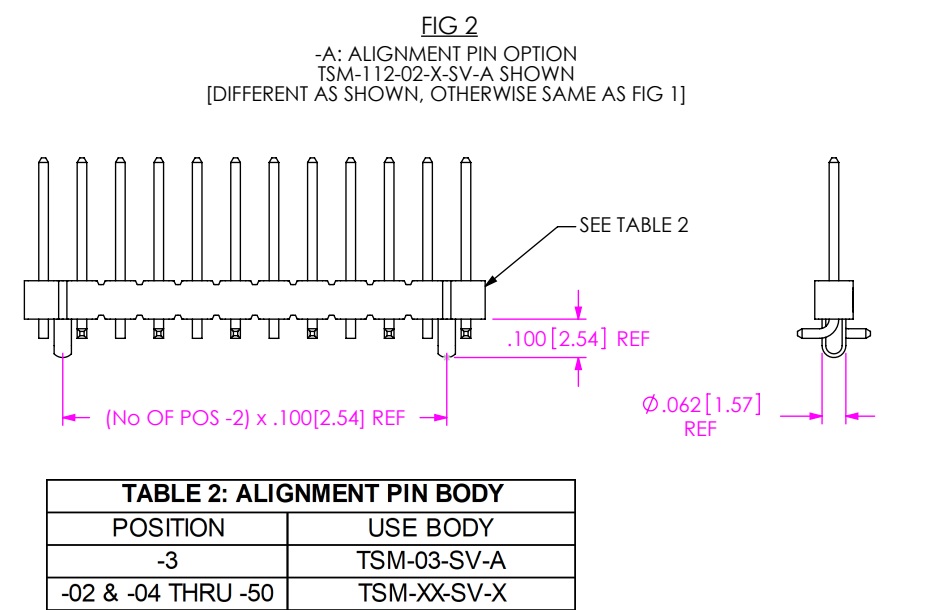
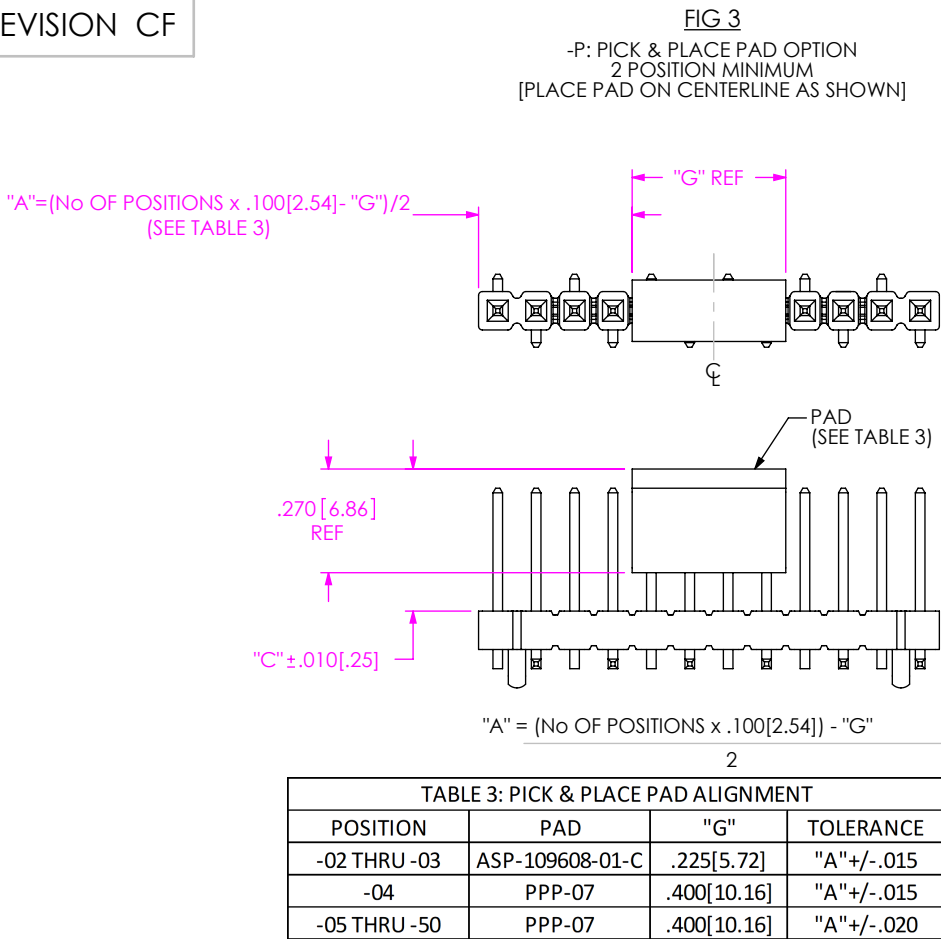
DWG. NO.

TSM-1XX-XX-XXX-SV-XX-XXX-X-XX

BY: DEAN P

8/21/2002

SHEET 1 OF 2



PACKAGING TABLE			
STYLE	OPTION	TUBE	PLUG
-01	----	PT-1-24-02-29 (SEE NOTE 3)	TP-09
-02, -04, -05	----	PT-1-24-02-29 (SEE NOTE 3)	TP-09
-01, -02, -04, -05	-LC, -A	PT-1-24-02-29 (SEE NOTE 3)	TP-09
-01, -04, -05	-P	PT-1-24-05-29	TP-03
-01, -04, -05	-LC-P, -A-P	PT-1-24-05-29	TP-03
-02	-P	PT-1-24-13-29	TP-03
-02	-LC-P, -A-P	PT-1-24-13-29	TP-03
-03	----	PT-1-24-10-29 (SEE NOTE 3)	TP-24
-03	-LC, -A	PT-1-24-10-29 (SEE NOTE 3)	TP-24
-03	-P	PT-1-24-14-29	TP-09
-03	-LC-P, -A-P	PT-1-24-14-29	TP-09

- NOTES:
1. LOAD PARTS POSITION 1 FIRST IN SAME DIRECTION AS ARROW.
 2. NOTE DELETED
 3. PACKAGE POSITIONS -04 THRU -36.
 4. POLARIZED 4 POSITION PARTS WITHOUT PADS ARE TO BE LAYER PACKAGED OR PACKAGED IN TAPE AND REEL.
 5. PACKAGE 37-50 POSITIONS USING LAYER PACKAGING.

FIG 4
TUBE PACKAGING

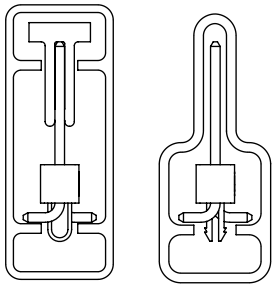
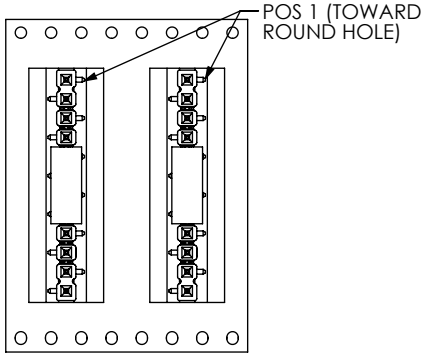
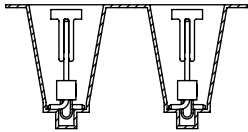


FIG 5
-TR: TAPE & REEL PACKAGNG OPTION



USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



c:\enterprisevault\DWG\MISC\MKTG\TSM-1 XX-XX-XXX-SV-XX-XXX-X-XX-MKT.SLDDRW

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DO NOT SCALE DRAWING SHEET SCALE: 2:1	DESCRIPTION: SINGLE ROW .100 SMT ASSEMBLY DWG. NO. TSM-1XX-XX-XXX-SV-XX-XXX-X-XX BY: DEAN P 8/21/2002 SHEET 2 OF 2