

DO NOT SCALE FROM THIS PRINT

SEI-1XX-02-XX-S-X-XX-XX

**No. OF POSITIONS**  
 -05, -10, -15, -20, -25, -30 (PER ROW)  
 (OTHER POSITIONS AVAILABLE AS ASO. TOOL IS CAPABLE OF POSITIONS 5-30)

**LEAD STYLE**  
 (USE C-98-02-X)

**PLATING SPECIFICATION**

-GF: 3µ" FLASH GOLD IN CONTACT AREA, 3µ" FLASH GOD ON TAIL  
 -G: 10µ" SELECTIVE GOLD IN CONTACT AREA, 3µ" FLASH GOD ON TAIL

**OPTION**  
 -TR: TAPE & REEL

**ALIGNMENT PIN LOCATION**

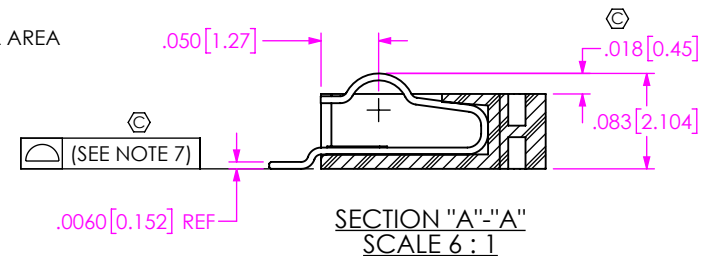
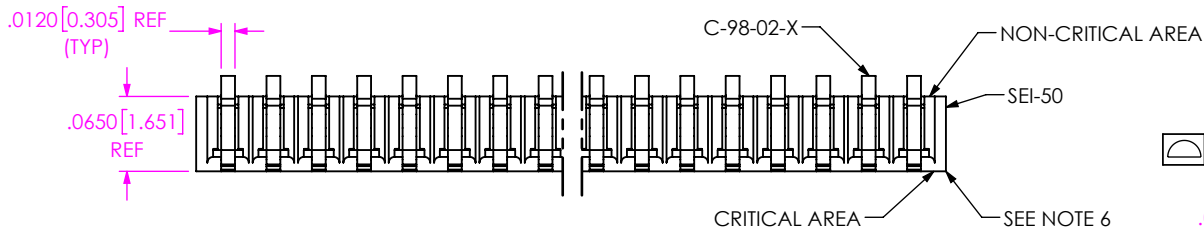
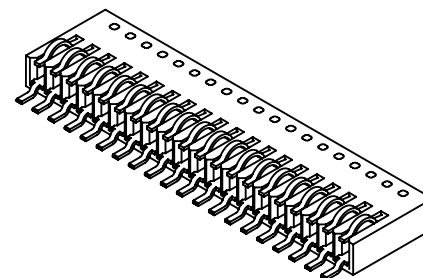
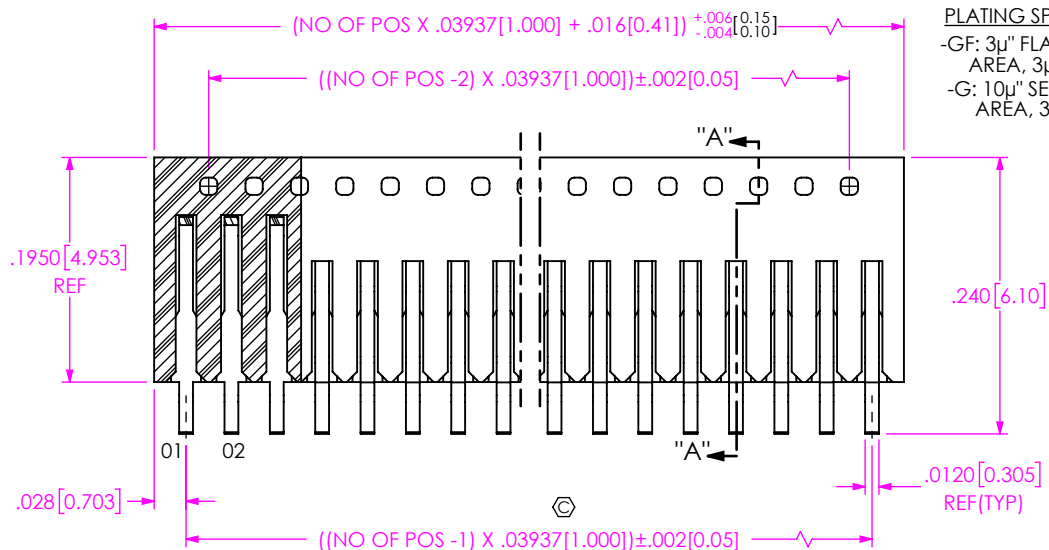
-AT: TOP SIDE  
 -AB: BOTTOM SIDE  
 (USE SM-A9H FOR ALL POSITIONS)  
 (MOLDED TO POSITIONS A.P. FOR LARGE QTY'S)

**THREADED INSERT OPTION**

-E: THREADED INSERT, ENGLISH (USE SEI-XX-T)  
 -M: THREADED INSERT, METRIC (USE SEI-XX-T)

**ROW SPECIFICATION**

-S: SINGLE



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 6 OZ.
3. LOAD INSERTS IN DIRECTION OF ARROW.
4. PACKAGE ALL POSITIONS IN A PT-1-24-01-68 WITH TWO TP-12 PLUGS PER TUBE.
5. THREADED INSERT MUST BE ABLE TO HANDLE 20 IN-OZ'S OF TORQUE MIN(WITHOUT ROTATING OR "LOOSENING")
6. NO CUT FLASH IN CRITICAL AREAS AS SHOWN.  
 .010[0.25] MAX CUT FLASH IN NON-CRITICAL AREAS AS SHOWN.
7. CO-PLANARITY FOR POS. -05 THRU -25: .004[0.10] MAX;  
 FOR POS. -26 THRU -30: .006[0.15] MAX;  
 CO-PLANARITY IS THE PLANCE FORMED BY THE BOTTOM OF THE BODY AND THE BOTTOM OF THE CONTACT.
8. NOTE DELETED.
9. BODIES MAY BE USED MTP WITH OR WITHOUT ALIGNMENT PINS AT PURCHASING DISCRETION.

FIG 1  
 SEI-1XX-02-XX-S SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
 .XX: ±.01[0.3] 5°  
 .XXX: ±.005[0.13]  
 .XXXX: ±.0020[0.051]

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MATERIAL: INSULATOR: VECTRA E130I, COLOR: BLACK  
 CONTACT : PHOS BRONZE

DO NOT SCALE DRAWING SHEET SCALE: 1:2

DESCRIPTION: 1MM SINGLE ELEMENT INTERFACE

DWG. NO. SEI-1XX-02-XX-S-X-XX-XX

BY: D PURVIS 12/11/1996 SHEET 1 OF 3



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

TABLE 1		
OPTION	INSERT	THREAD
-E	INSL-2-56-X	2 X 56
-M	INSL-M2-4-N	M2.0 X 4

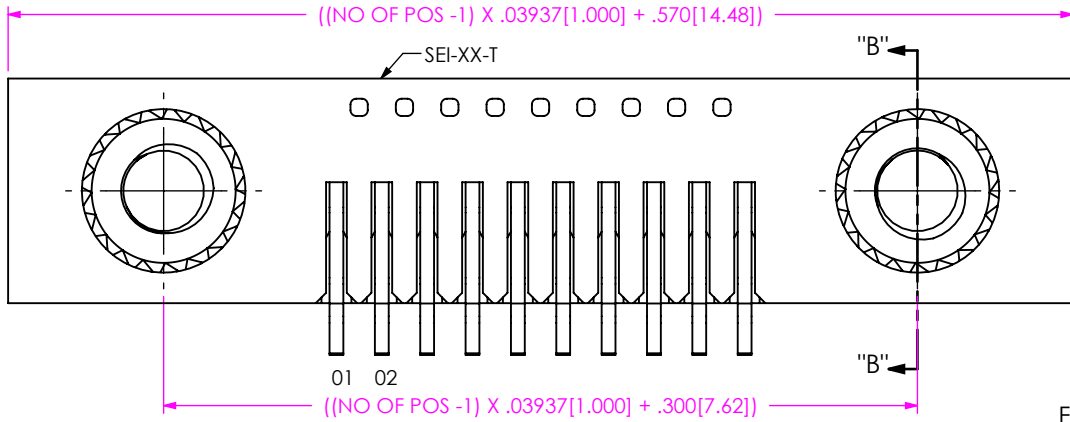


FIG 2  
 THREADED INSERT OPTION  
 (SEI-1XX-02-XX-S-E SHOWN)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

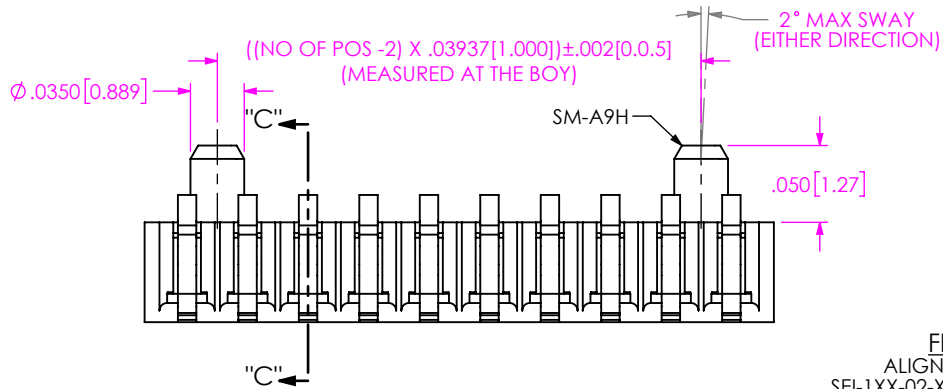
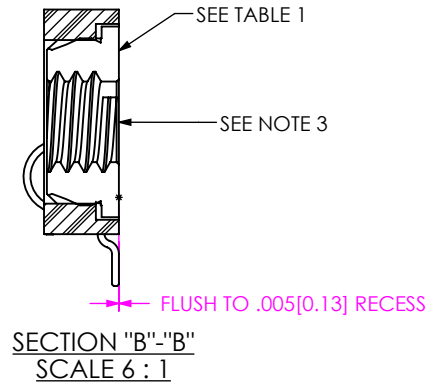


FIG 3  
 ALIGNMENT PIN  
 SEI-1XX-02-XX-S-AT SHOWN  
 (SEE FIG 5 & 6 FOR IN-PROCESS)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

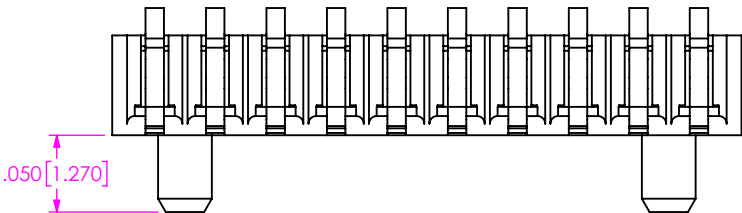
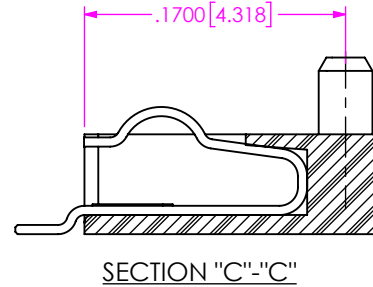


FIG 4  
 ALIGNMENT PIN  
 SEI-1XX-02-XX-S-AB SHOWN  
 (SEE FIG 5 & 6 FOR IN-PROCESS)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

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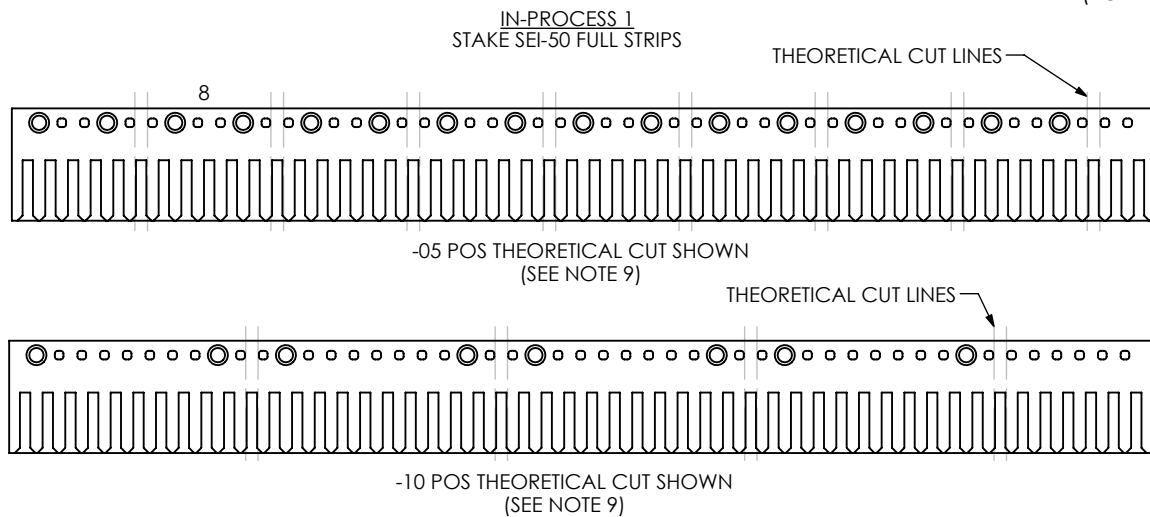
SHEET SCALE: 8:1

DESCRIPTION:  
 1MM SINGLE ELEMENT INTERFACE

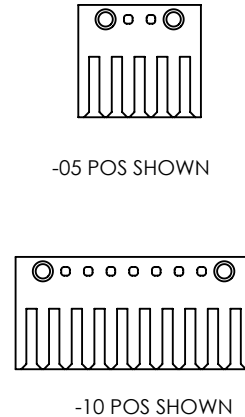
DWG. NO.  
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BY: D PURVIS 12/11/1996 SHEET 2 OF 3

FIG 5  
IN-PROCESS FOR STAKED ALIGNMENT PINS  
(FOR -05 THRU -16 POS)



IN-PROCESS 2  
ROTOCUT TO POSITION



IN-PROCESS 3  
LOAD CONTACTS

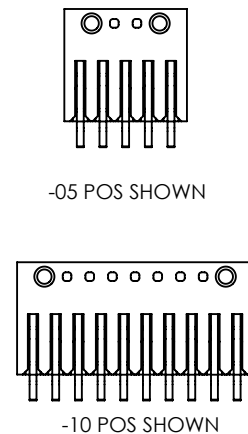
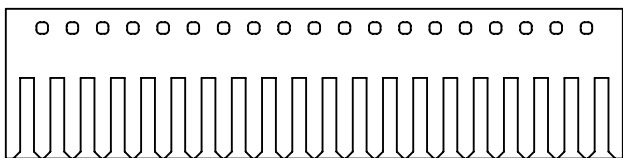
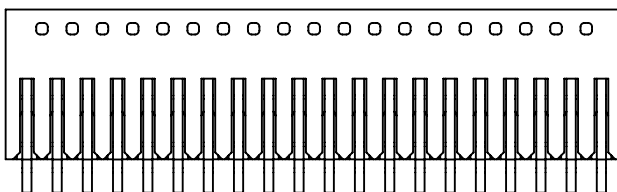


FIG 6  
IN-PROCESS FOR STAKED ALIGNMENT PINS  
(FOR -17 THRU -30 POS)

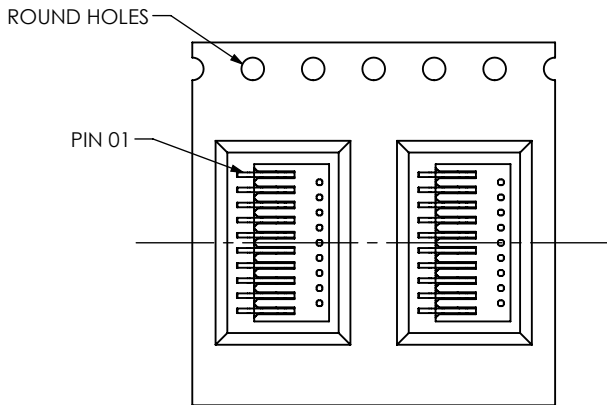
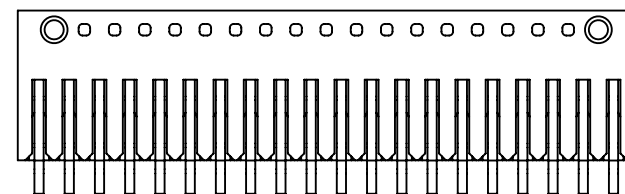
IN-PROCESS 1  
ROTO CUT TO POSITION  
(20 POS SHOWN)



IN-PROCESS 2  
LOAD CONTACTS  
(20 POS SHOWN)

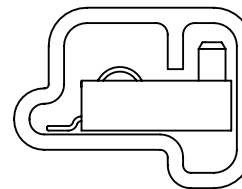


IN-PROCESS 3  
STAKE PER CUT STRIP  
(20 POS SHOWN)

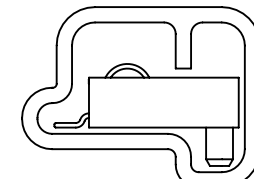


USER DIRECTION OF UN-REELING  
POCKET NOT DETAILED

TAPE & REEL VIEW



-AT OPTION SHOWN



-AB OPTION SHOWN

TUBE VIEW  
PT-1-24-01-68 & TP-12

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SHEET SCALE: 8:1  
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