

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)

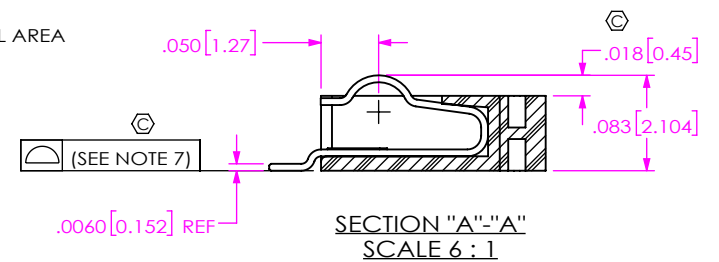
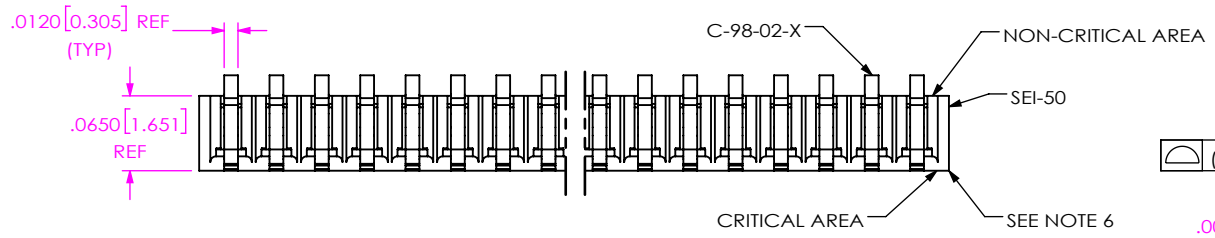
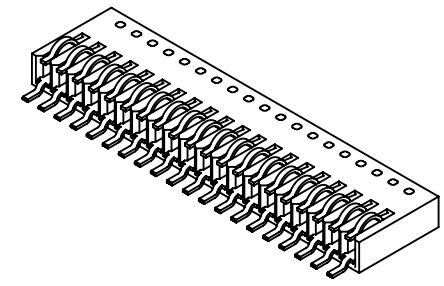
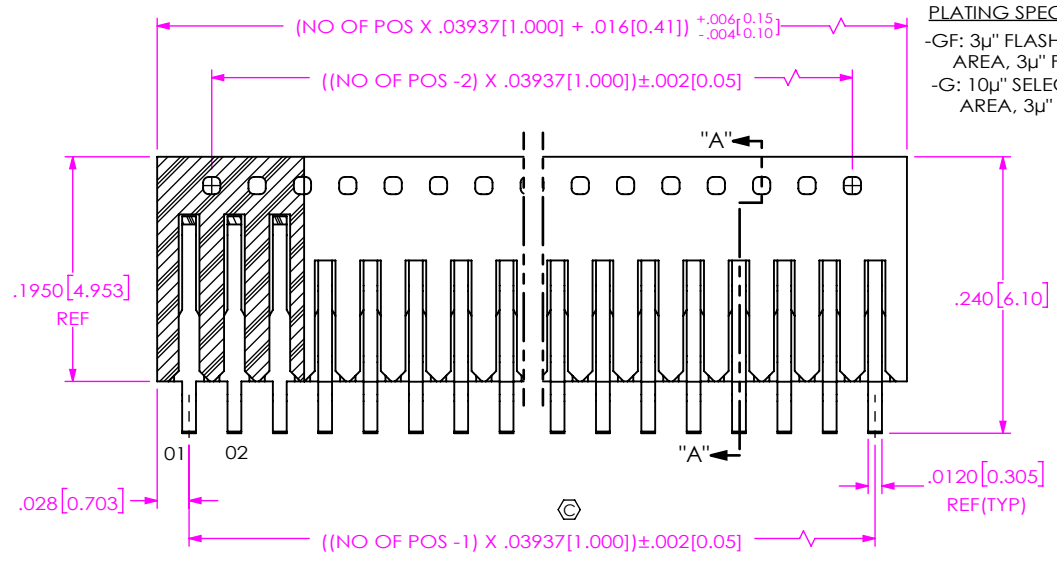
**LEAD STYLE**  
 (USE C-98-02-X)

**PACKAGING**  
 BLANK: TUBES (SEE NOTES 10 & 11)  
 -TR: TAPE & REEL (SEE NOTES 11 & 12)  
 -FR: FULL REEL QTY TAPE & REEL (SEE NOTES 11 & 12)

**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

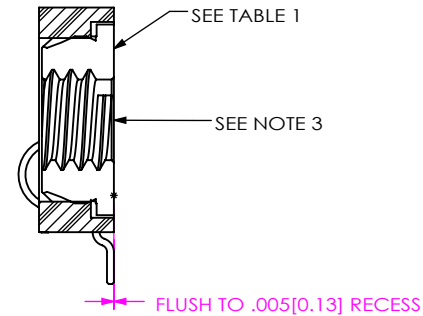
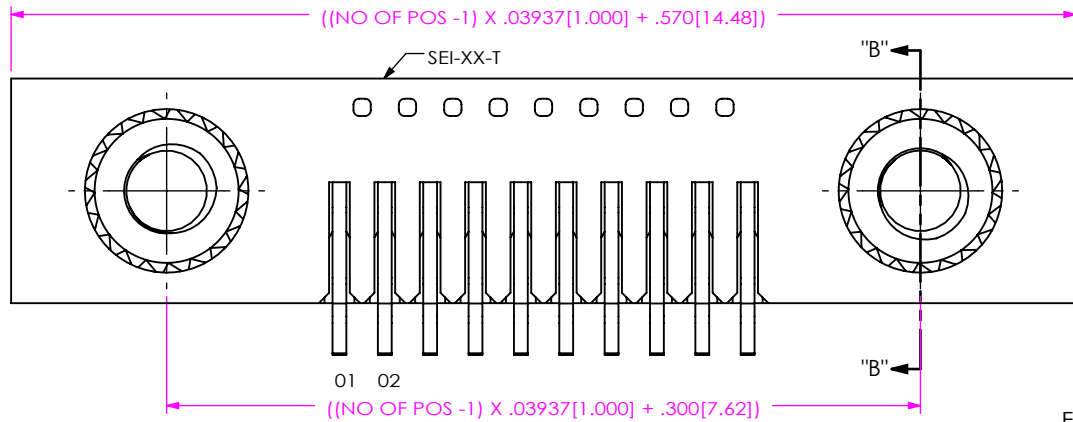


- NOTES:
- ⊙ REPRESENTS A CRITICAL DIMENSION.
  - MINIMUM PUSHOUT FORCE: 6 OZ.
  - LOAD INSERTS IN DIRECTION OF ARROW.
  - PACKAGE ALL POSITIONS IN A PT-1-24-01-68 WITH TWO TP-12 PLUGS PER TUBE.
  - THREADED INSERT MUST BE ABLE TO HANDLE 20 IN-OZ'S OF TORQUE MIN(WITHOUT ROTATING OR "LOOSENING")
  - NO CUT FLASH IN CRITICAL AREAS AS SHOWN.  
 .010[0.25] MAX CUT FLASH IN NON-CRITICAL AREAS AS SHOWN.
  - 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.
  - NOTE DELETED.
  - BODIES MAY BE USED MTP WITH OR WITHOUT ALIGNMENT PINS AT PURCHASING DISCRETION.
  - TUBES ARE STANDARD PACKAGING.
  - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
  - ATTACH LABEL TO EACH REEL.

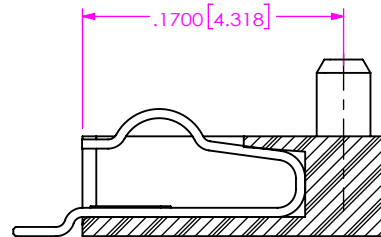
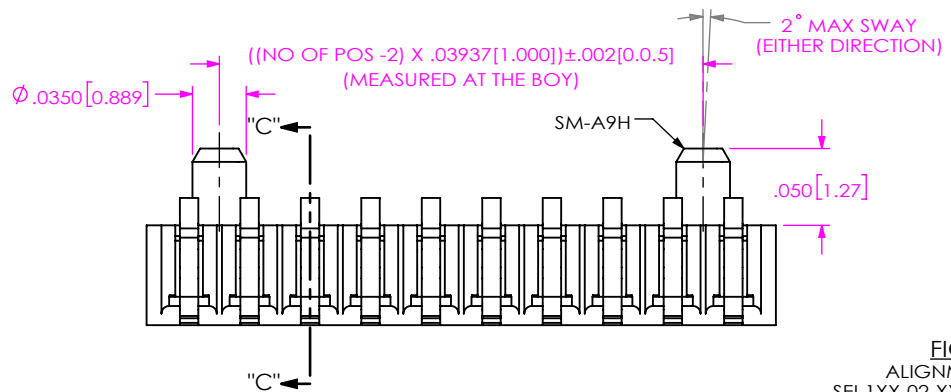
FIG 1  
 SEI-1XX-02-XX-S SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS                      ANGLES .XX: ±.01[0.3] .XXX: ±.005[0.13] .XXXX: ±.0020[0.051]	* 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, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	DESCRIPTION: 1 MM SINGLE ELEMENT INTERFACE
		DWG. NO. SEI-1XX-02-XX-S-X-XX-XX
MATERIAL: INSULATOR: VECTRA E130I, COLOR: BLACK CONTACT : PHOS BRONZE	DO NOT SCALE DRAWING SHEET SCALE: 1:2	BY: D PURVIS      12/11/1996      SHEET 1 OF 3

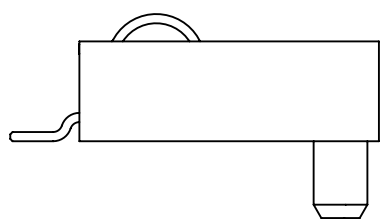
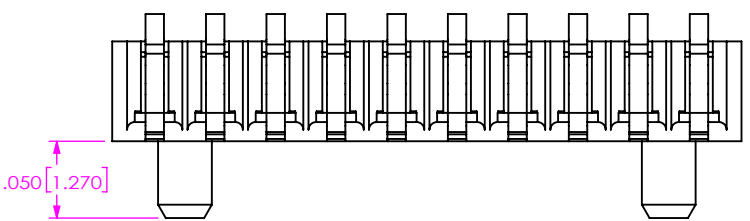
TABLE 1		
OPTION	INSERT	THREAD
-E	INSL-2-56-X	2 X 56
-M	INSL-M2-4-N	M2.0 X 4



**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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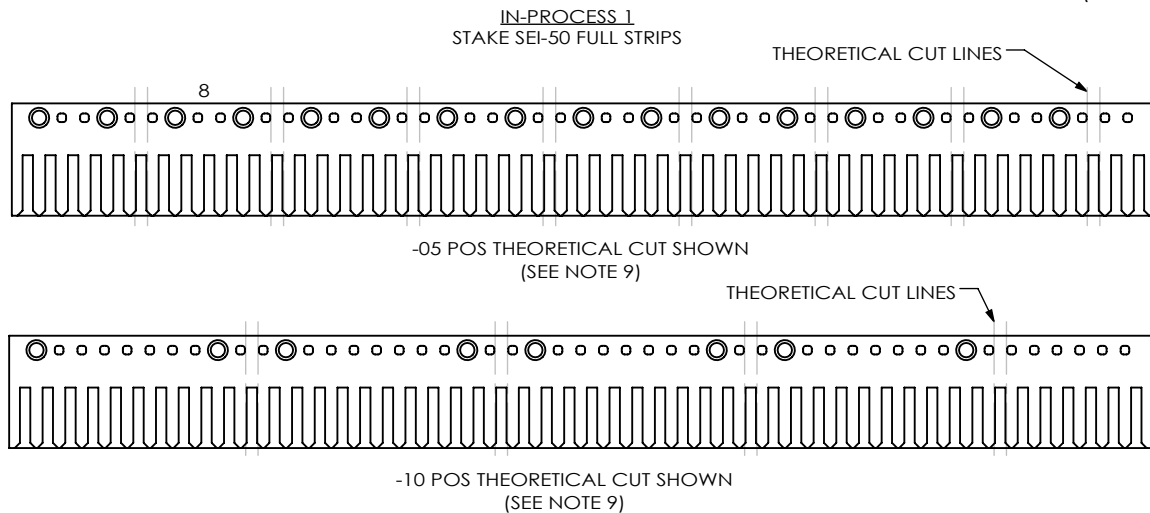
SHEET SCALE: 8:1

DESCRIPTION:  
 1MM SINGLE ELEMENT INTERFACE

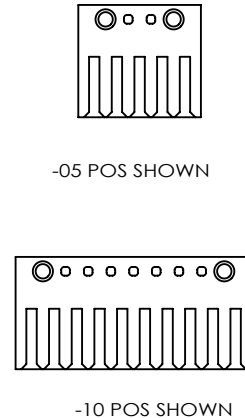
DWG. NO.  
**SEI-1XX-02-XX-S-X-XX-XX**

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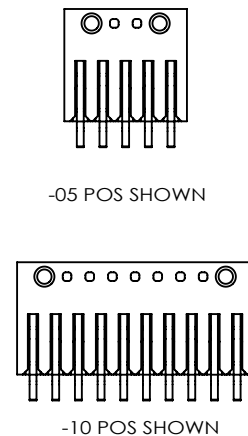
**FIG 5**  
IN-PROCESS FOR STAKED ALIGNMENT PINS  
(FOR -05 THRU -16 POS)



IN-PROCESS 2  
ROTOCUT TO POSITION

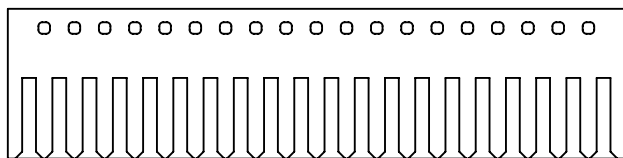


IN-PROCESS 3  
LOAD CONTACTS

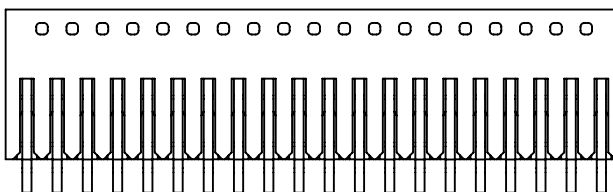


**FIG 6**  
IN-PROCESS FOR STAKED ALIGNMENT PINS  
(FOR -17 THRU -30 POS)

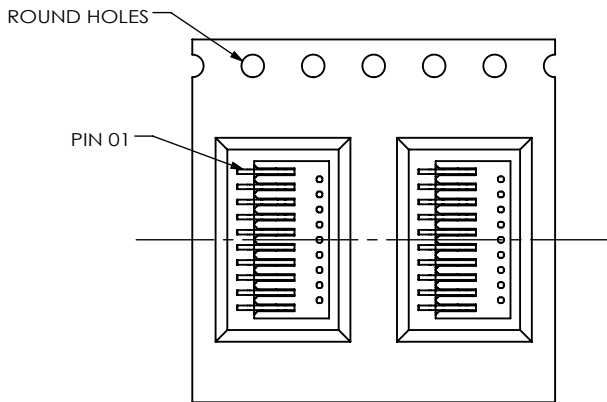
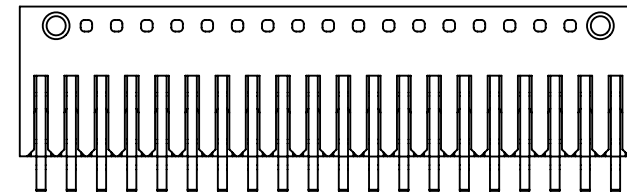
IN-PROCESS 1  
ROTO CUT TO POSITION  
(20 POS SHOWN)



IN-PROCESS 2  
LOAD CONTACTS  
(20 POS SHOWN)

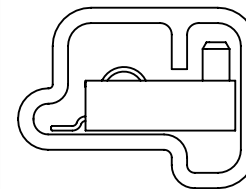


IN-PROCESS 3  
STAKE PER CUT STRIP  
(20 POS SHOWN)

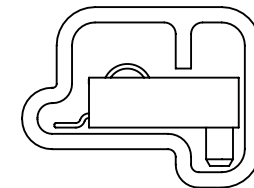


USER DIRECTION OF UN-REELING  
POCKET NOT DETAILED

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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1MM SINGLE ELEMENT INTERFACE

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