

DO NOT  
SCALE FROM  
THIS PRINT

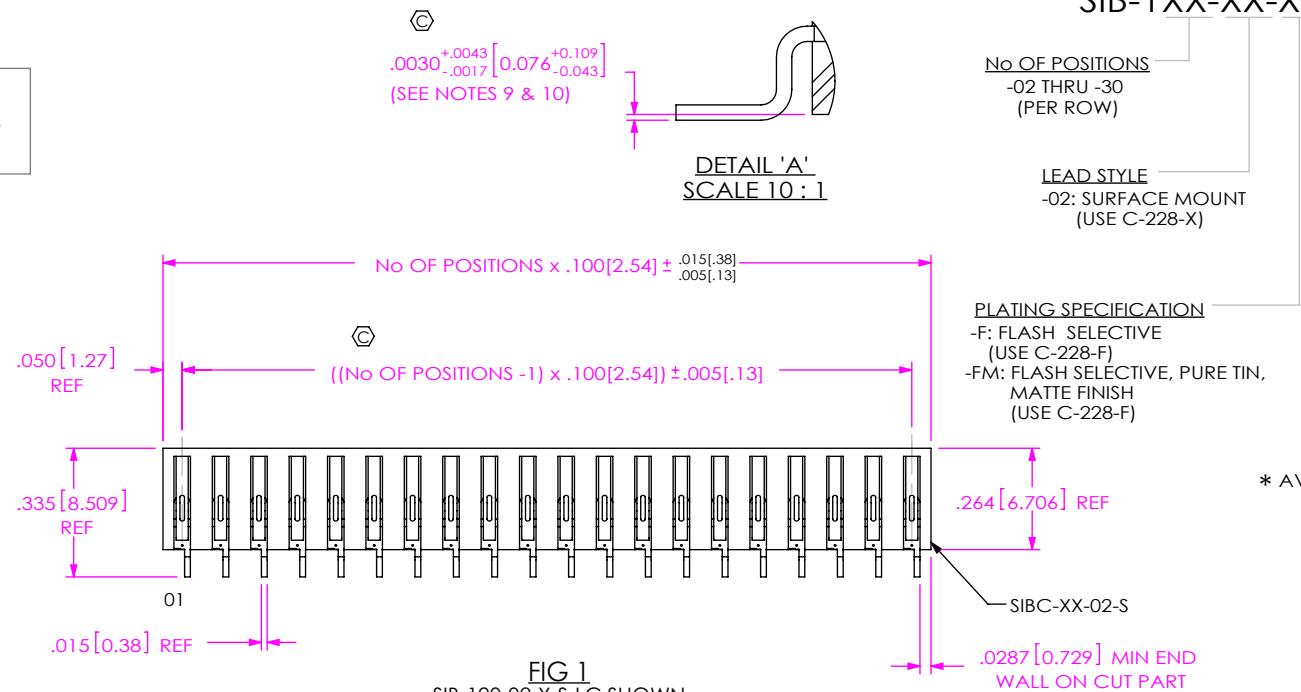
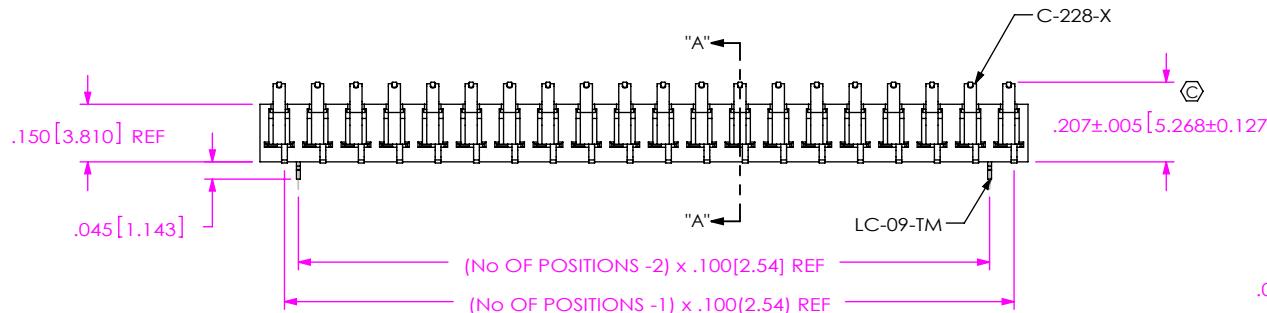


FIG 1  
SIB-120-02-X-S-LC SHOWN



**TABLE 2: COPLANARITY**

**TABLE 2: COPLANARITY**

## NOTES:

1.  REPRESENTS A CRITICAL DIMENSION.

2. COPLANARITY: SEE TABLE 2.

3. BURR ALLOWANCE: .0015[.038] MAX.

4. MAXIMUM CUT FLASH: .010[.3], CAN NOT EXTEND PAST TAIL.

5. MINIMUM PUSHOUT FORCE: 1 LB.

6. MAXIMUM ALLOWABLE BOW: .004[.10] INCH/INCH AFTER ASSEMBLY.

7. THREADED INSERT MUST HANDLE 25 IN-OZ OF TORQUE WITHOUT ROTATING OR LOOSENING.

8. THREADED INSERT RETENTION: 10 LBS. MINIMUM.

9. MAX VARIATION FROM PIN TO PIN TO BE .002.

10. MEASURED ON UNCUT PARTS.

11. NOTE DELETED.

12. NOTE DELETED.

13. 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.

**MATERIAL:** DO NOT SCALE DRAW  
**INSULATOR:** LCP, **COLOR:** BLACK  
**CONTACT:** PHOSPHOR BRONZE

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 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733      FAX: 812-948-5047 e-Mail: <a href="mailto:info@SAMTEC.com">info@SAMTEC.com</a> code 55322	
DESCRIPTION: <b>.100 SINGLE INTERFACE BEAM ASSEMBLY</b> WG. NO. <b>SIB-1XX-XX-XX-S-XX-XX</b> Y: DEAN P      9/20/2000      SHEET 1 OF 2	



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#### 100 SINGLE INTERFACE BEAM ASSEMBLY

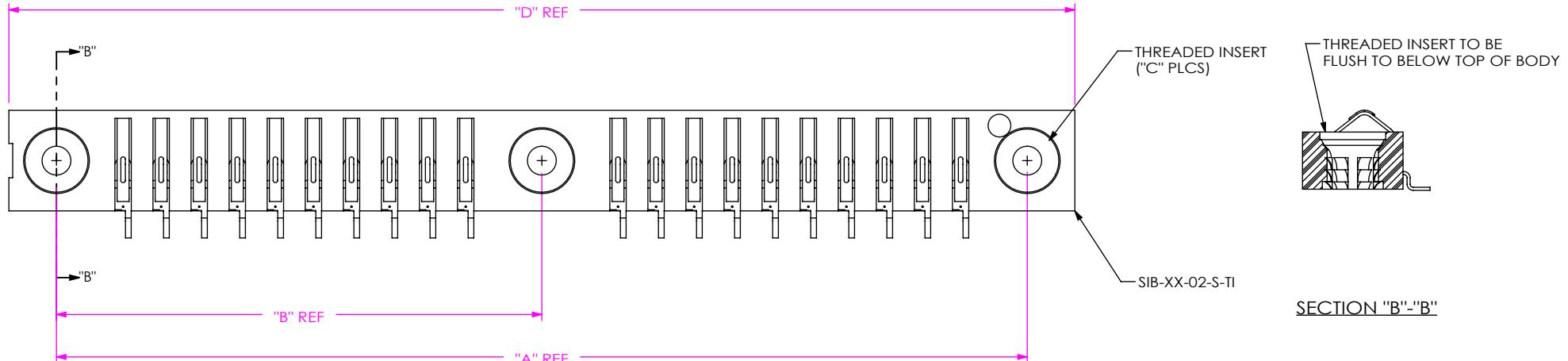
## 100 SINGLE INTERFACE BEAM ASSEMBLY

SIB-1YY-YY-YY-S-YY-YY

31B-1XX-XX-XX-3-XX-XX

DEAN P 9/20/2000 SHEET 1 OF 2

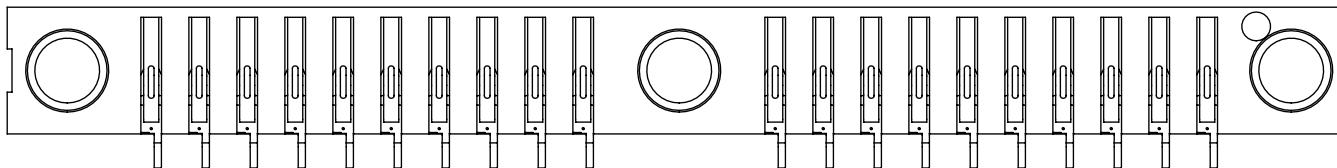
FIG 2  
SIB-120-02-X-S-E SHOWN



SECTION "B"- "B"

FIG 3

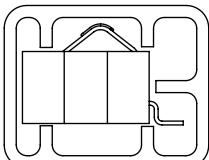
SIB-120-02-X-S-TI SHOWN



## PACKAGING VIEW

(PARTS TO HAVE POSITION #1 LOADED IN SAME DIRECTION AS ARROW ON TUBE)

NO -LC OPTION

TUBE: PT-1-24-01-118  
PLUG: TP-03

-LC OPTION

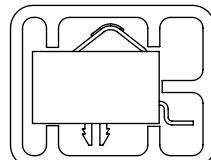
TUBE: PT-1-24-01-118  
PLUG: TP-03

TABLE 1: THREADED INSERT OPTION

POS	"A"	"B"	"C"	"D"
-05	.750[19.05]	N/A	2	1.000[25.40]
-10	1.250[31.75]	N/A	2	1.500[38.10]
-15	1.750[44.45]	N/A	2	2.000[50.80]
-20	2.550[64.77]	1.275[32.39]	3	2.800[71.12]
-25	3.050[77.47]	1.475[37.47]	3	3.300[83.82]

F:\DWG\MISC\MKTG\SIB-1XX-XX-S-XX-XX-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

**Samtec**  
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DESCRIPTION: .100 SINGLE INTERFACE BEAM ASSEMBLY  
DWG. NO. SIB-1XX-XX-XX-S-XX-XX  
BY: DEAN P 9/20/2000 SHEET 2 OF 2