

REVISION AX

NOTES:

1. $\varnothing$ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM CONTACT PUSHOUT FORCE: 0.5 LB.
3. MAXIMUM ALLOWABLE BOW .003[0.08] IN/IN AFTER ASSEMBLY.
4. FOR A 1 POSITION SINGLE ROW ALL SPACERS ARE TO BE LBS-S.
5. SPACERS SHALL BE ASSEMBLED AS SHOWN WITH SNAP GROOVES AWAY FROM SSW BODY.
6. SINGLE ROW, 33 POS PART TO USE 31 POS AND 2 POS SPACERS.

DO NOT
SCALE FROM
THIS PRINT

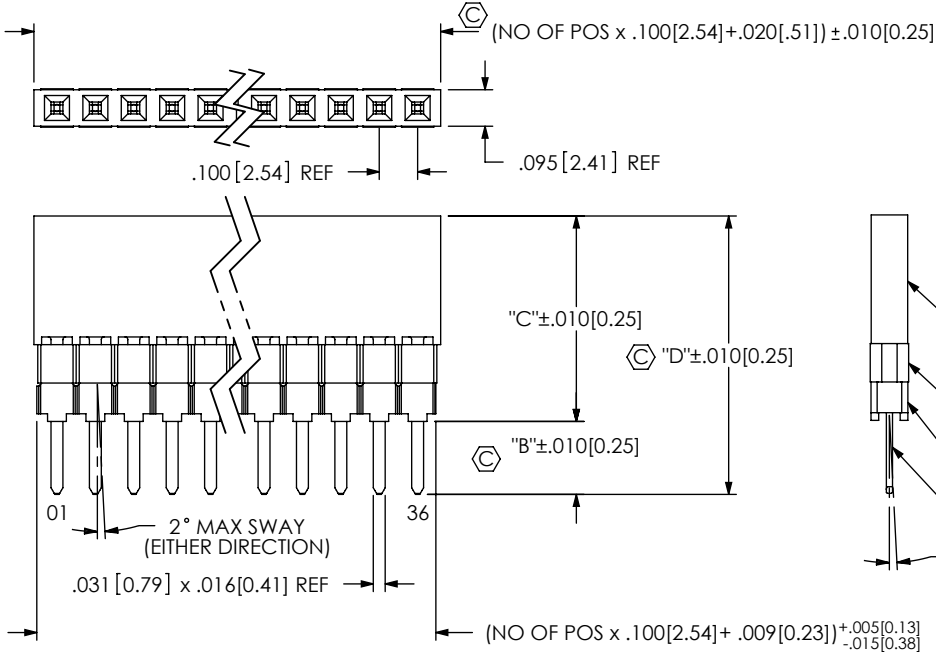


FIG 1
ESW-1XX-XX-X-S SHOWN

ESW-1XX-XX-X-X-XX-XX

CONTACT STYLE
SOLDER TAIL
STANDARD INSERTION USE C-8-X-X
LOW INSERTION USE C-17-X-X
(SEE TABLE 1)

BODY LENGTH SPEC
POSITIONS 01 THRU 36 (SEE FIG 1)
(SEE NOTE 4 FOR ONE POSITION
SINGLE ROW)
(FOR 33 POS, SEE NOTE 6)

LEAD STYLE SPECIFICATION
(SEE TABLE 1)

POLARIZING OPTION
INDICATES POS
(SEE FIG 3, SHT 2)

LOCKING LEAD OPTION
-LL (SEE FIG 4, SHT 2)
(N/A ON 1 OR 2
POSITION SINGLE ROW)

ROW SPECIFICATION
-S: SINGLE (USE SSW-50-S)
-D: DOUBLE (USE SSW-50-D)

PLATING SPECIFICATION

- G: 20μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- T: MATTE TIN ON ENTIRE PIN.
- (STANDARD INSERTION FORCE ONLY)
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- E: 50μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

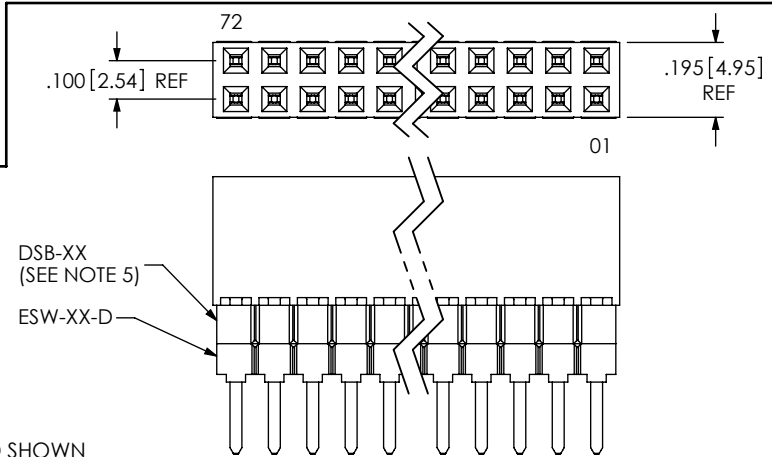
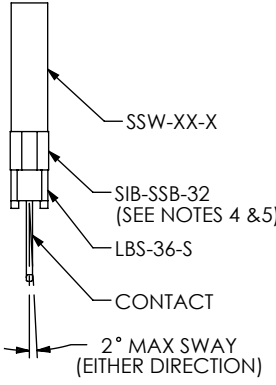


FIG 2
ESW-1XX-XX-X-D SHOWN

TABLE 1						
STANDARD INSERTION FORCE	CONTACT	SPACER SPECIFICATION (SEE NOTE 4)		"B"	"C"	"D"
		ESW-S	ESW-D			
-12	C-8-2-X			.090[2.29]	.435[11.05]	.525[13.34]
-13	C-8-3-X			.290[7.37]	.435[11.05]	.725[18.42]
-14	C-8-5-X			.480[12.19]	.435[11.05]	.915[23.24]
-23	C-8-3-X	(1) SUB-SSB-32	(1) DSB-XX	.190[4.83]	.535[13.59]	.725[18.42]
-24	C-8-5-X	(1) SUB-SSB-32	(1) DSB-XX	.380[9.65]	.535[13.59]	.915[23.24]
-33	C-8-3-X	(2) SUB-SSB-32	(2) DSB-XX	.090[2.29]	.635[16.13]	.725[18.42]
-34	C-8-5-X	(2) SUB-SSB-32	(2) DSB-XX	.280[7.11]	.635[16.13]	.915[23.24]
-44	C-8-5-X	(1) ESS-XX-S	(3) DSB-XX	.180[4.57]	.735[18.67]	.915[23.24]
LOW INSERTION FORCE						
-37	C-17-2-X			.090[2.29]	.435[11.05]	.525[13.34]
-38	C-17-3-X			.290[7.37]	.435[11.05]	.725[18.42]
-39	C-17-5-X			.480[12.19]	.435[11.05]	.915[23.24]
-48	C-17-3-X	(1) SUB-SSB-32	(1) DSB-XX	.190[4.83]	.535[13.59]	.725[18.42]
-49	C-17-5-X	(1) SUB-SSB-32	(1) DSB-XX	.380[9.65]	.535[13.59]	.915[23.24]
-58	C-17-3-X	(2) SUB-SSB-32	(2) DSB-XX	.090[2.29]	.635[16.13]	.725[18.42]
-59	C-17-5-X	(2) SUB-SSB-32	(2) DSB-XX	.280[7.11]	.635[16.13]	.915[23.24]
-69	C-17-5-X	(1) ESS-XX-S	(3) DSB-XX	.180[4.57]	.735[18.67]	.915[23.24]

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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CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
SSW: LCP, UL 94 V0, COLOR: BLACK
SSB, ESS, DSB: PBT, UL 94 V0, COLOR: BLACK
LBS: HTN, UL 94 V0, COLOR: BLACK
CONTACT: PHOS BRONZE

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

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

DESCRIPTION:
ESW STRIP ASM.

DWG. NO.
ESW-1XX-XX-X-X-XX-XX

BY: JORDAN 07/16/1985 SHEET 1 OF 2

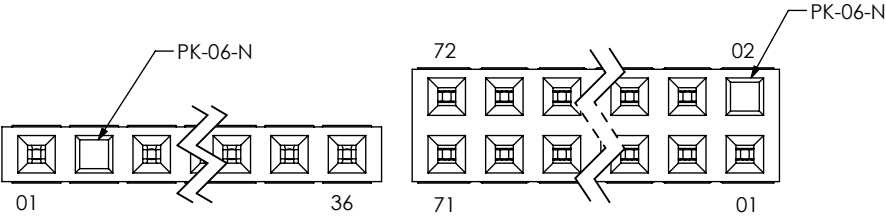


FIG 3
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS AND BREAK OFF TAB
(ESW-1XX-XX-X-X-02 SHOWN)
(SAME AS FIG 1, DIFFERENT AS SHOWN)

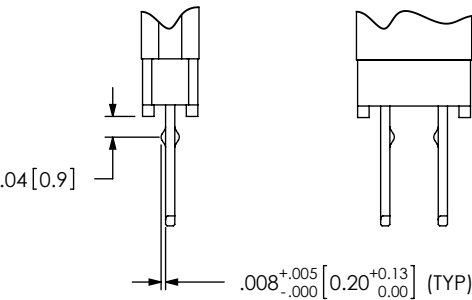


FIG 4
LOCKING LEAD OPTION
LOCATED ON OR ABOUT THE CENTERLINE
(N/A IN 1 OR 2 POSITION SINGLE ROW)

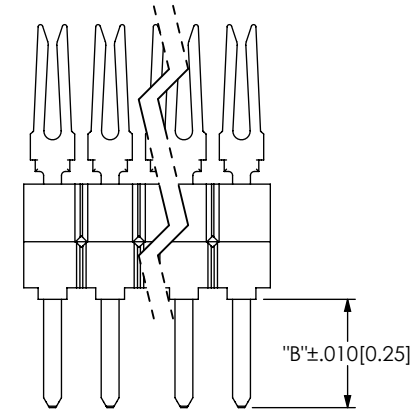


FIG 5
IN PROCESS 'A'
(LEAD STYLES -13, -14, -23, -24, -33, -34, -44, -38, -39, -48, -49, -58, -59, -69)

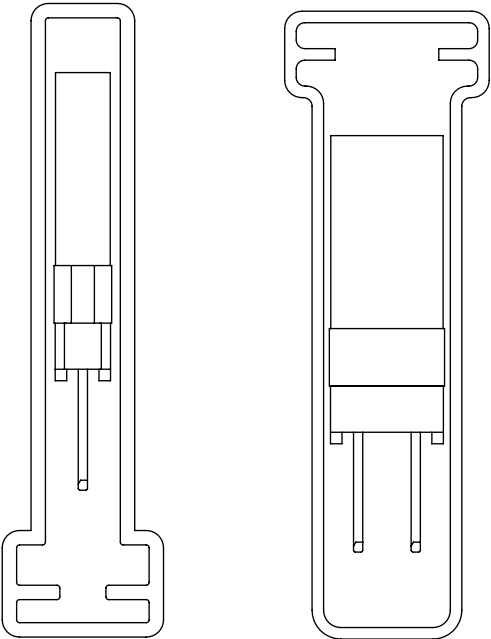
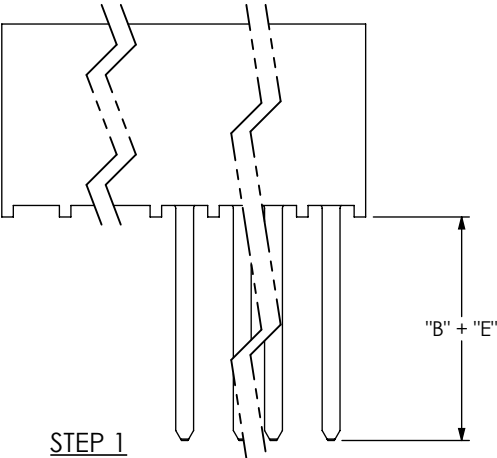


FIG 7
TUBE VIEWS

NOTE:
FOR -12 & -37 LEAD STYLES, TUBE PACKAGE -05 THRU -36 POSITIONS ONLY
FOR -13, -23, -33, -38, -48 & -58 LEAD STYLES, TUBE PACKAGE -08 THRU -36 POSITIONS ONLY.
FOR -14, -24, -34, -39, -44, -49, -59, & -69 LEAD STYLES TUBE PACKAGE -05 THRU -36 POSITIONS ONLY.



STEP 1
STEPS:
1. MACHINE FILL SSW-50-D TO 36 POS.
2. MOUNT ESW-36-D.
3. ROTO CUT TO POS. (SEE FIG 1)

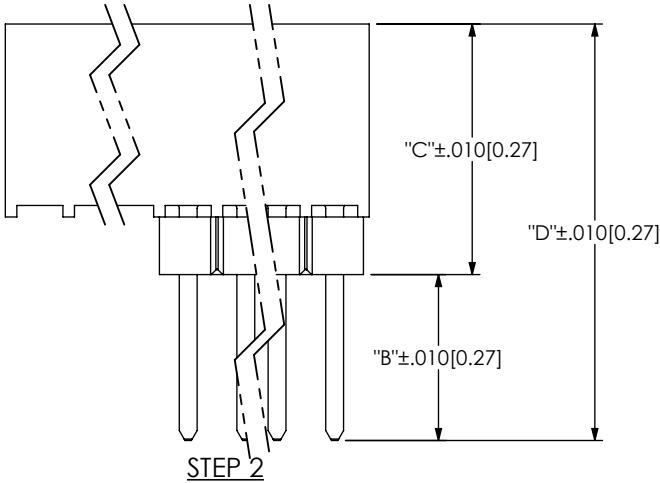


FIG 6
IN PROCESS 'B'
(LEAD STYLES -12 & -37)

TABLE 2			
LEAD STYLE	ROW	TUBE	PLUG
-12, -37	-S	PT-1-24-01-46	TP-24
-13, -14, -23, -24, -33, -34, -44, -38, -39, -48, -49, -58, -59, -69		PT-1-24-01-47	TP-09
-12, -37		PT-1-24-03-44	TP-03
-13, -14, -23, -24, -33, -34, -44, -38, -39, -48, -49, -58, -59, -69	-D	PT-1-24-02-47	TP-03

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SHEET SCALE: 3:1



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DESCRIPTION:
ESW STRIP ASM.
DWG. NO.
ESW-1XX-XX-X-X-XX-XX
BY: JORDAN 07/16/1985 SHEET 2 OF 2