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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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NOTES:

1. Ⓢ 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.
7. MAXIMUM CUT FLASH: .015.

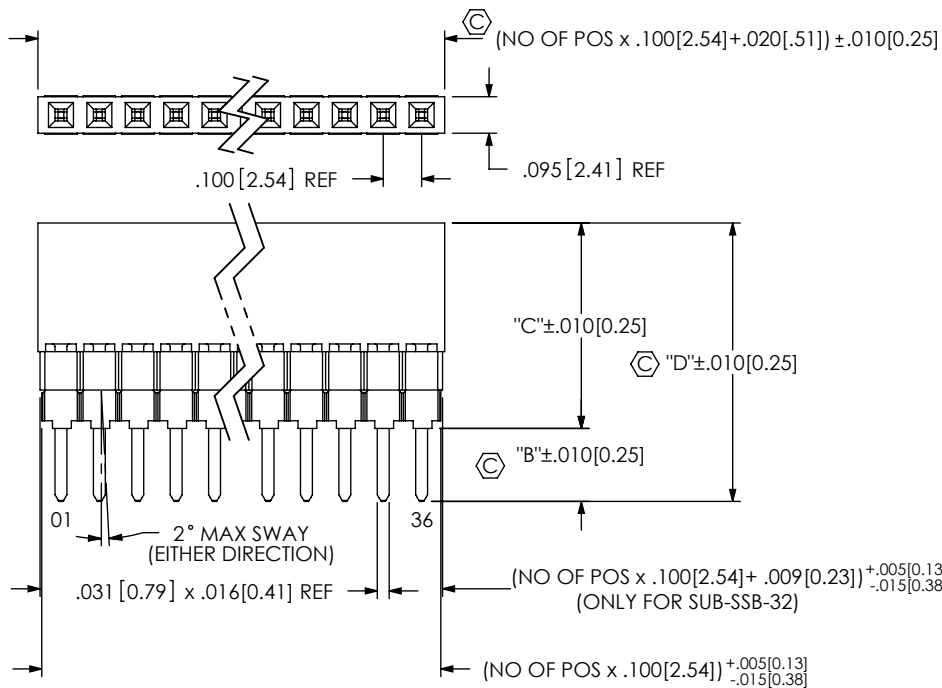
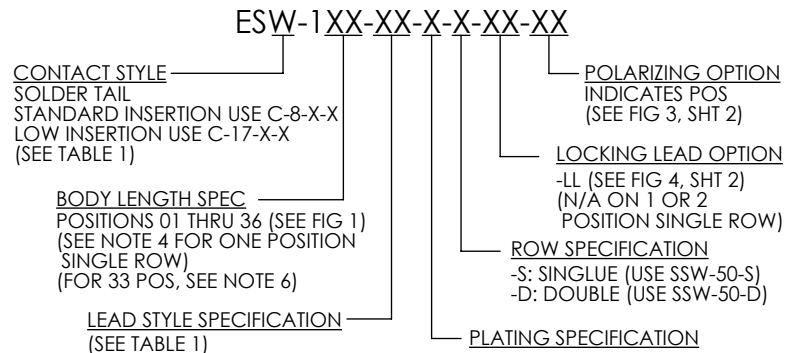


FIG 1  
ESW-1XX-XX-X-S SHOWN

STANDARD INSERTION FORCE	CONTACT	SPACER SPECIFICATION (SEE NOTE 4)		"B"	"C"	"D"	"E"
		ESW-S	ESW-D				
-12	C-8-2-X			.090 [2.29]	.435 [11.05]	.525 [13.34]	.100 [2.54]
-13	C-8-3-X			.290 [7.37]	.435 [11.05]	.725 [18.42]	N/A
-14	C-8-5-X			.480 [12.19]	.435 [11.05]	.915 [23.24]	N/A
-23	C-8-3-X	(1) SUB-SSB-32	(1) DSB-XX	.190 [4.83]	.535 [13.59]	.725 [18.42]	N/A
-24	C-8-5-X	(1) SUB-SSB-32	(1) DSB-XX	.380 [9.65]	.535 [13.59]	.915 [23.24]	N/A
-33	C-8-3-X	(2) SUB-SSB-32	(2) DSB-XX	.090 [2.29]	.635 [16.13]	.725 [18.42]	N/A
-34	C-8-5-X	(2) SUB-SSB-32	(2) DSB-XX	.280 [7.11]	.635 [16.13]	.915 [23.24]	N/A
-44	C-8-5-X	(1) ESS-XX-S	(3) DSB-XX	.180 [4.57]	.735 [18.67]	.915 [23.24]	N/A
LOW INSERTION FORCE							
-37	C-17-2-X			.090 [2.29]	.435 [11.05]	.525 [13.34]	.100 [2.54]
-38	C-17-3-X			.290 [7.37]	.435 [11.05]	.725 [18.42]	N/A
-39	C-17-5-X			.480 [12.19]	.435 [11.05]	.915 [23.24]	N/A
-48	C-17-3-X	(1) SUB-SSB-32	(1) DSB-XX	.190 [4.83]	.535 [13.59]	.725 [18.42]	N/A
-49	C-17-5-X	(1) SUB-SSB-32	(1) DSB-XX	.380 [9.65]	.535 [13.59]	.915 [23.24]	N/A
-58	C-17-3-X	(2) SUB-SSB-32	(2) DSB-XX	.090 [2.29]	.635 [16.13]	.725 [18.42]	N/A
-59	C-17-5-X	(2) SUB-SSB-32	(2) DSB-XX	.280 [7.11]	.635 [16.13]	.915 [23.24]	N/A
-69	C-17-5-X	(1) ESS-XX-S	(3) DSB-XX	.180 [4.57]	.735 [18.67]	.915 [23.24]	N/A



- 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.

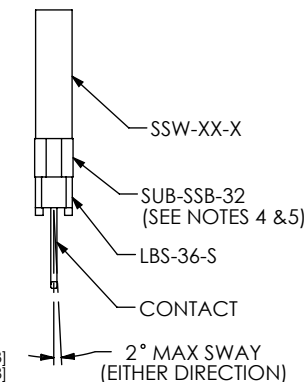


FIG 2  
ESW-1XX-XX-X-D SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [.3] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

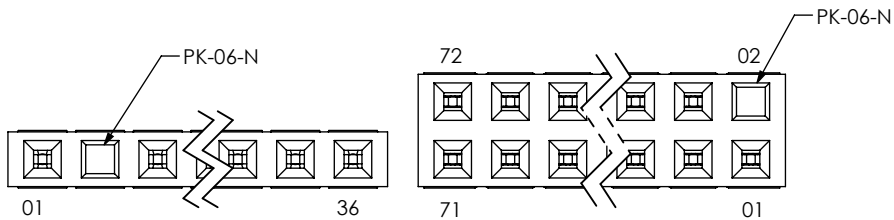
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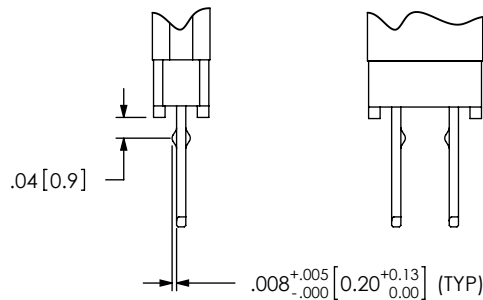
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

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

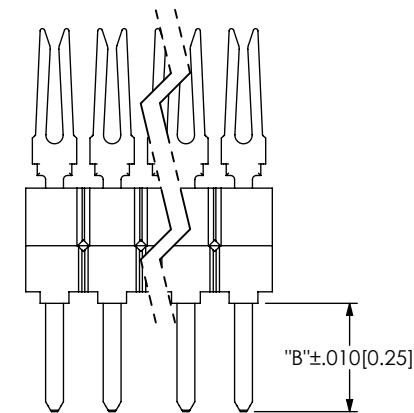
DESCRIPTION: ESW STRIP ASM.  
DWG. NO. ESW-1XX-XX-X-X-XX-XX  
BY: JORDAN 07/16/1985 SHEET 1 OF 2



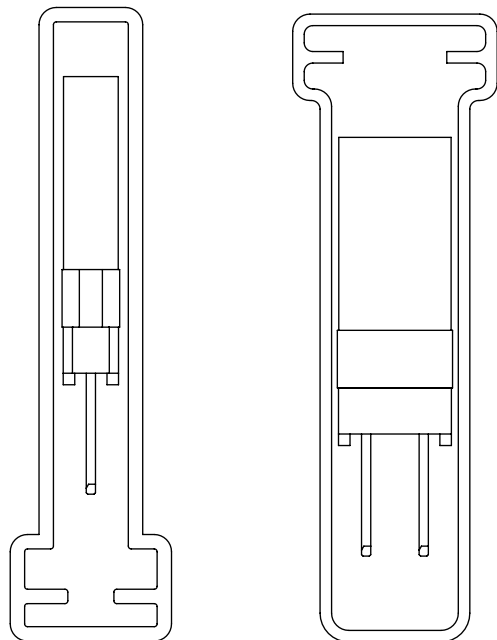
**FIG 3**  
POLARIZATION LOCATION  
INSERT PK-06-N INTO SPECIFIED POS AND BREAK OFF TAB  
(ESW-1XX-XX-X-X-02 SHOWN)  
(SAME AS FIG 1, DIFFERENT AS SHOWN)



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

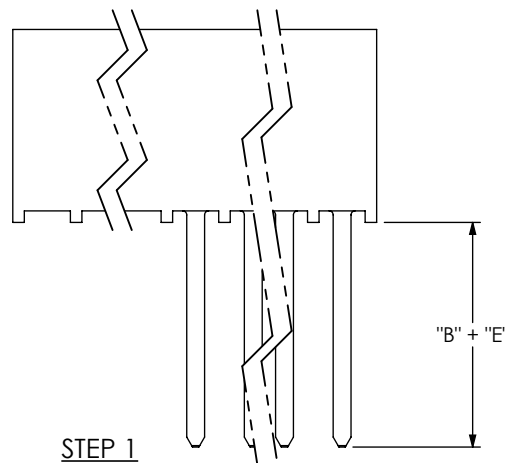


**FIG 5**  
IN PROCESS 'A'  
(LEAD STYLES -13, -14, -23, -24, -33, -34, -44, -38, -39, -48, -49, -58, -59, -69)

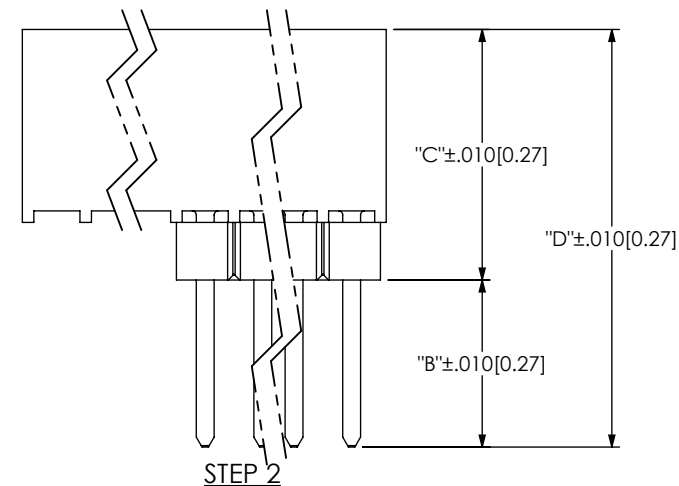


**FIG 7**  
TUBE VIEWS

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-07
-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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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 2 OF 2