

DO NOT
SCALE FROM
THIS PRINT

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. NOTE DELETED.
6. SINGLE ROW, 33 POS PART TO USE 31 POS AND 2 POS SPACERS.
7. MAXIMUM CUT FLASH: .015.
8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM

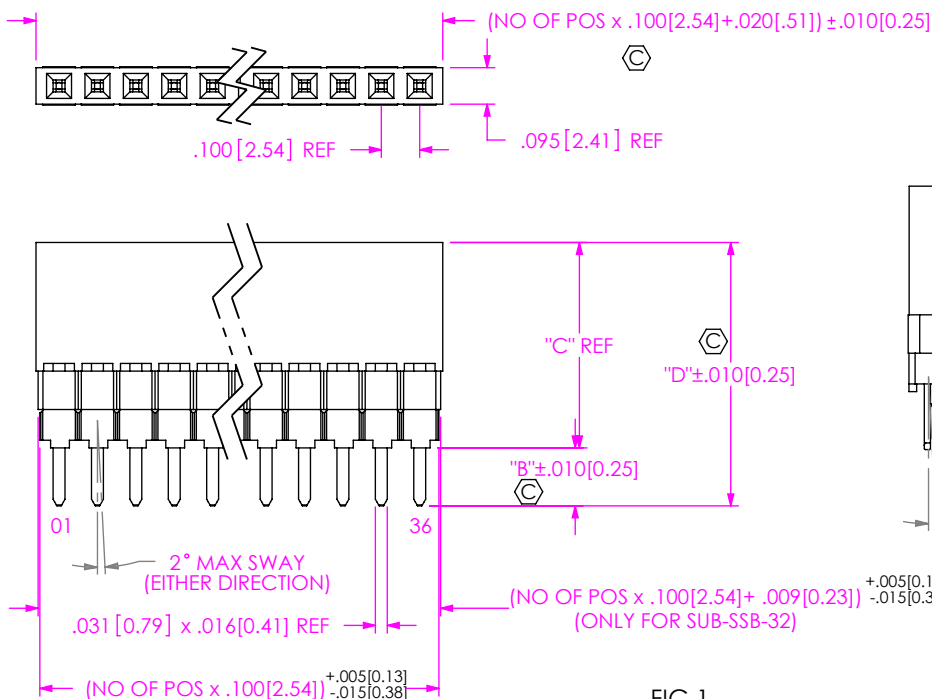
FIG 1
ESW-1XX-XX-X-S SHOWN

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	C-17-2-X			.090 [2.29]	.435 [11.05]	.525 [13.34]
	C-17-3-X			.290 [7.37]	.435 [11.05]	.725 [18.42]
	C-17-5-X			.480 [12.19]	.435 [11.05]	.915 [23.24]
	C-17-3-X	(1) SUB-SSB-32	(1) DSB-XX	.190 [4.83]	.535 [13.59]	.725 [18.42]
	C-17-5-X	(1) SUB-SSB-32	(1) DSB-XX	.380 [9.65]	.535 [13.59]	.915 [23.24]
	C-17-3-X	(2) SUB-SSB-32	(2) DSB-XX	.090 [2.29]	.635 [16.13]	.725 [18.42]
	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]

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

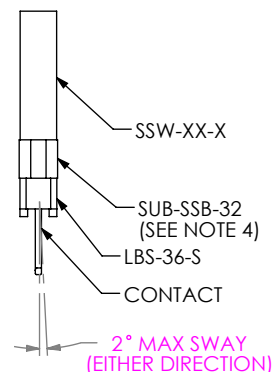
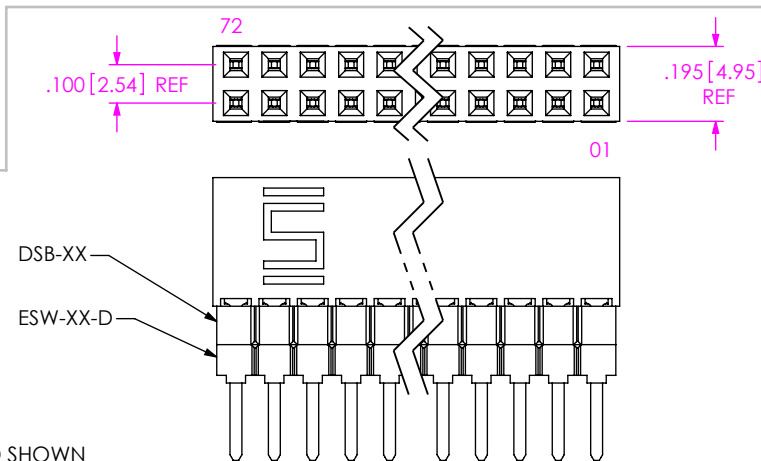
-LL (SEE FIG 4, SHT 2)
(N/A ON 1 OR 2
POSITION SINGLE ROW)

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

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ±.01 [.3]

.XXX: ±.005 [.13]

.XXXX: ±.0020 [.051]

ANGLES

2°

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MATERIAL:

SSW: LCP, UL 94 V0, COLOR: BLACK
SSB, ESS, DSB: PBT, UL 94 V0, COLOR: BLACK
LBS: HTN, UL 94 V0, COLOR: BLACK
ESW: VALOX 420 SEC, COLOR: BLACK
CONTACT: PHOS BRONZE

SHEET SCALE: 2:1

DESCRIPTION:

ESW STRIP ASM.

DWG. NO.

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

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

samtec

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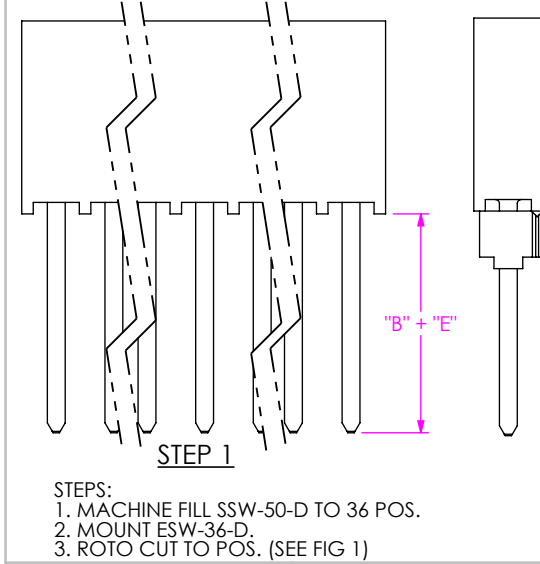
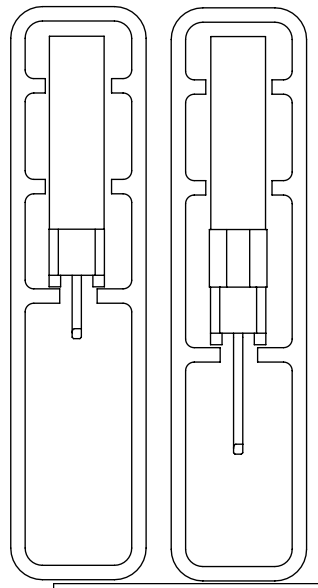
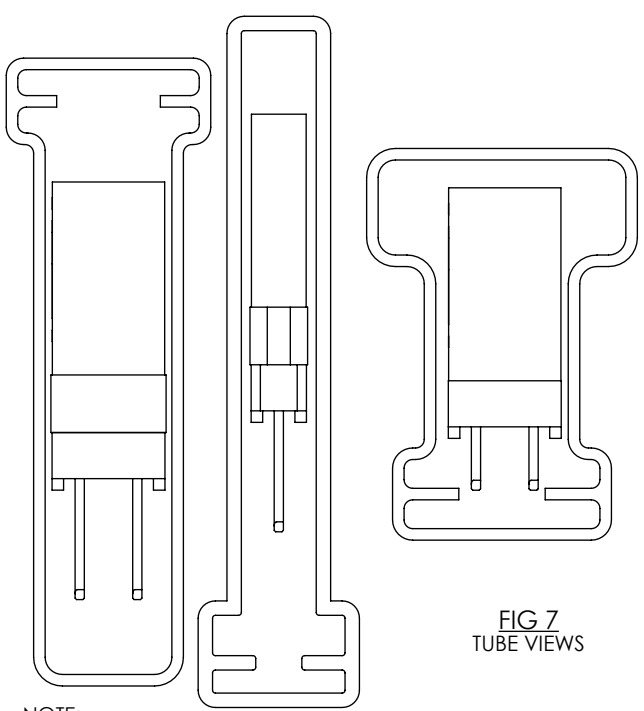
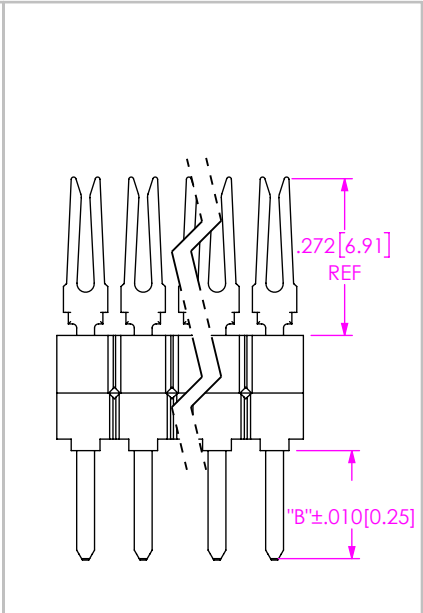
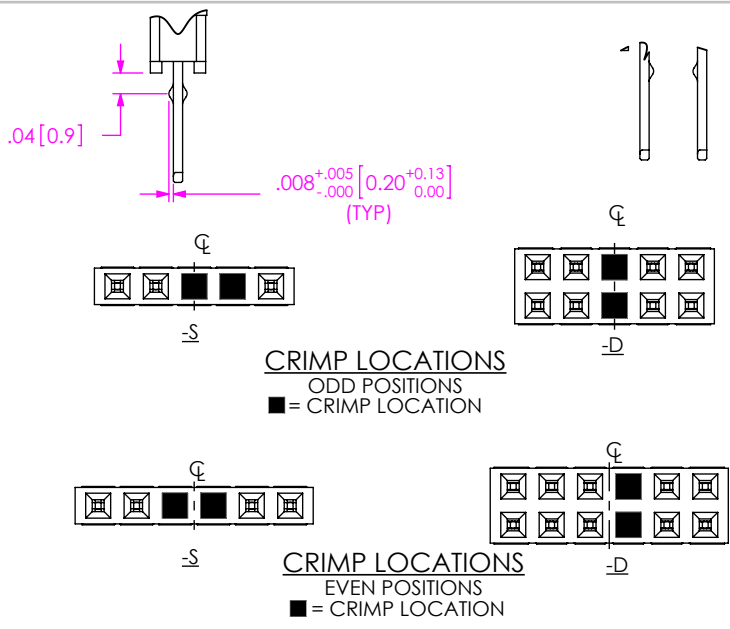
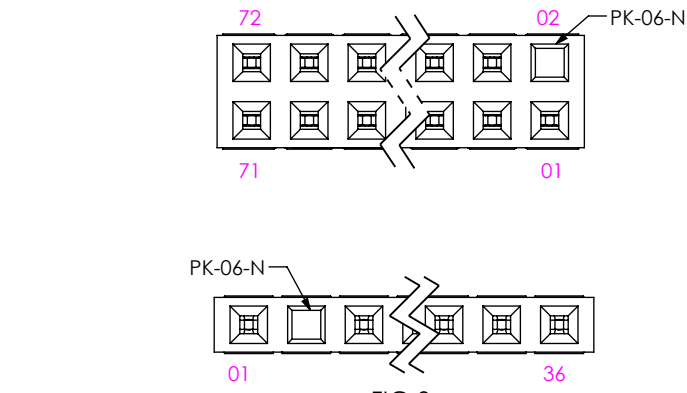


TABLE 2			
LEAD STYLE	ROW	TUBE	PLUG
-33, -34, -44,	S	PT-1-24-01-47	TP-09
-58, -59, -69		PT-ESQ002	TP-03
-12, -13, -14, -37, -38, -39		PT-ESQ001	TP-03
-23, -24, -48, -49		PT-1-24-03-44	TP-07
-12, -37	-D	PT-1-24-02-47	TP-26
-13, -14, -23, -24, -33, -34, -44,			
-38, -39, -48, -49, -58, -59, -69			

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DO NOT SCALE DRAWING
SHEET SCALE: 3:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150
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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

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.