REVISION BG ESW-1XX-XX-X-XXXX 1. © REPRESENTS A CRITICAL DIMENSION. 2. MINIMUM CONTACT PUSHOUT FORCE: 0.5 LB. 3. MAXIMUM ALLOWABLE BOW .003[0.08] IN/IN AFTER ASSEMBLY. CONTACT STYLE POLARIZING OPTION DO NOT 4. FOR A 1 POSITION SINGLE ROW ALL SPACERS ARE TO BE LBS-S. **SOLDER TAIL INDICATES POS SCALE FROM** 5. NOTE DELETED. STANDARD INSERTION USE C-8-X-X (SEE FIG 3, SHT 2) THIS PRINT 6. SINGLE ROW, 33 POS PART TO USE 31 POS AND 2 POS SPACERS. LOW INSERTION USE C-17-X-X 7. MAXIMUM CUT FLASH: .015. (SEE TABLE 1) **LOCKING LEAD OPTION** 8. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING -LL (SEE FIG 4, SHT 2) EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM **BODY LENGTH SPEC** (N/A ON 1 OR 2 POSITIONS 01 THRU 36 (SEE FIG 1) POSITION SINGLE ROW) (NO OF POS x .100[2.54]+.020[.51]) ±.010[0.25] (SEE NOTE 4 FOR ONE POSITION **ROW SPECIFICATION** SINGLE ROW) -S: SINGLE (USE SSW-50-S)
-D: DOUBLE (USE SSW-50-D) (FOR 33 POS, SEE NOTE 6) LEAD STYLE SPECIFICATION PLATING SPECIFICATION (SEE TABLE 1) .095 [2.41] REF .100[2.54] REF -G: 20µ" SELECTIVE GOLD IN CONTACT AREA 3µ" SELECTIVE GOLD ON TAIL. -T: MATTE TIN ON ENTIRE PIN (STANDARD INSERTION FORCE ONLY) SSW-XX-X -S: 30µ" SELECTIVE GOLD IN CONTACT ÁREA, MATTE TIN ON TAIL -H: 30u" SELECTIVE GOLD IN CONTACT AREA 3µ" SELECTIVE GOLD ON TAIL. SUB-SSB-32 -F: 3µ" SELECTIVE GOLD IN CONTACT AREA, (SEE NOTE 4) MATTE TIN ON TAIL  $\langle \mathbb{C} \rangle$ "C" REF -E: 50µ" SELECTIVE GOLD IN CONTACT AREA, LBS-36-S "D"±.010[0.25] 3µ" SELECTIVE GOLD ON TAIL -L: 10µ" SELECTIVE GOLD IN CONTACT AREA, CONTACT MÄTTE TIN ON TAIL. 'B"±.010[0.25]  $\langle \mathbb{C} \rangle$ 2° MAX SWAY (EITHER DIRECTION) (EITHER DIRECTION) +.005[0.13] (NO OF POS x .100[2.54]+ .009[0.23]) -.015[0.38] (ONLY FOR SUB-SSB-32) **国国国国** 倒圆圆圆圆 .031 [0.79] x .016[0.41] REF .195 [4.95] .100[2.54] REF **REF** (NO OF POS x .100[2.54])+.005[0.13] FIG 1 01 ESW-1XX-XX-X-S SHOWN TABLE 1 **STANDARD** SPACER SPECIFICATION INSERTION CONTACT "B" "C" "D" "E" (SEE NOTE 4) **FORCE** ESW-S ESW-D DSB-XX--12 C-8-2-X 090 [2.29] .435 [11.05] 525 [13.34] 100 [2.54] 290 [7.37] -13 C-8-3-X .435 [11.05] 725 [18.42] N/A ESW-XX-D--14 C-8-5-X 480 [12.19] .435 [11.05] .915 [23.24] N/A (1) SUB-SSB-32 190 [4.83] -23 C-8-3-X (1) DSB-XX .535 [13.59] .725 [18.42] N/A 380 [9.65] -24 C-8-5-X (1) SUB-SSB-32 (1) DSB-XX .535 [13.59] .915 [23.24] N/A FIG 2 ESW-1XX-XX-D SHOWN -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 PROPRIETARY NOTE UNLESS OTHERWISE SPECIFIED. LOW THIS DOCUMENT CONTAINS CONFIDENTIAL AND DIMENSIONS ARE IN INCHES. PROPRIETARY INFORMATION AND ALL DESIGN, INSERTION TOLERANCES ARE: MANUFACTURING REPRODUCTION LISE PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, **FORCE** DECIMALS **ANGLES** INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE 100 [2.54] OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR -37 C-17-2-X .090 [2.29] .435|[11.05] 525 [13.34] .XX: ±.01 [.3] .XXX: ±.005 [.13] 2° 520 PARK EAST BLVD, NEW ALBANY, IN 47150 REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY PHONE: 812-944-6733 FAX: 812-948-5047 -38 C-17-3-X 290 [7.37] .435 [11.05] .725 [18.42] N/A OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS .XXXX: ±.0020 [.051] e-Mail info@SAMTEC.com WRITTEN CONSENT OF SAMTEC, INC. -39 C-17-5-X 480 [12.19] .435 [11.05] .915 [23.24] N/A DO NOT SCALE DRAWING SHEET SCALE: 2:1 DESCRIPTION -48 C-17-3-X 190 [4.83] .535 [13.59] 725 [18.42] N/A (1) SUB-SSB-32 (1) DSB-XX ESW STRIP ASM. SSW: LCP, UL 94 VO, COLOR: BLACK -49 C-17-5-X (1) SUB-SSB-32 (1) DSB-XX 380 [9.65] .535 [13.59] .915 [23.24] N/A SSB, ESS, DSB: PBT, UL 94 VO, COLOR: BLACK DWG. NO. LBS: HTN, UL 94 VO, COLOR: BLACK -58 C-17-3-X (2) SUB-SSB-32 (2) DSB-XX .090 [2.29] .635 [16.13] .725 [18.42] N/A ESW-1XX-XX-X-XX-XX CONTACT: PHOS BRONZE

-59

-69

C-17-5-X

C-17-5-X

(2) SUB-SSB-32

(1) ESS-XX-S

(2) DSB-XX

(3) DSB-XX

280 [7.11]

180 [4.57]

.635 [16.13]

.735 [18.67]

.915 [23.24]

.915 [23.24]

N/A

N/A

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

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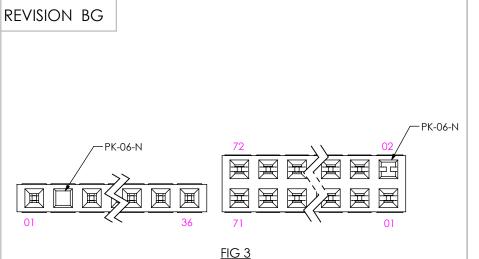


FIG 3
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS AND BREAK OFF TAB (ESW-1XX-XX-X-V-02 SHOWN) (SAME AS FIG 1, DIFFERENT AS SHOWN)

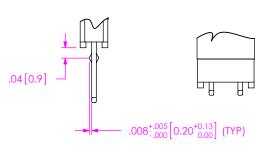
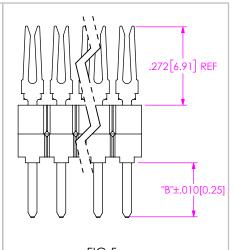


FIG 4 LOCKING LEAD OPTION LOCATED ON OR ABOUT THE CENTERLINE (N/A IN 1 OR 2 POSITION SINGLE ROW)



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

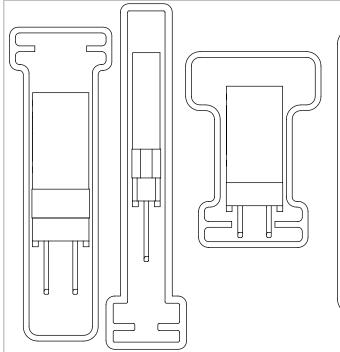
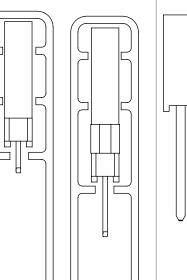


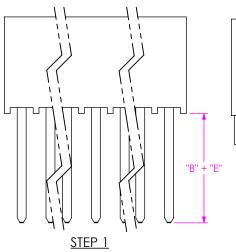
FIG 7 TUBE VIEWS

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.





1. MACHINE FILL SSW-50-D TO 36 POS.

2. MOUNT ESW-36-D.

3. ROTO CUT TO POS. (SEE FIG 1)

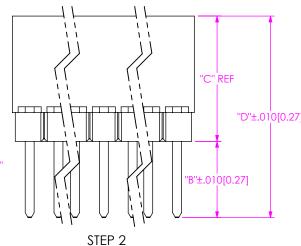


FIG 6 IN PROCESS 'B' (LEAD STYLES -12 & -37)

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

TABLE

DO NOT SCALE DRAWING

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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

DESCRIPTION:

ESW STRIP ASM.

ESW-1XX-XX-X-XXXX

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