

REVISION AQ

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)

BODY LENGTH SPEC  
POSITIONS 01 THRU 36  
(SEE FIG. 1)  
(SEE NOTE 3 FOR ONE  
POSITION SINGLE ROW)  
(FOR 33 POS SEE NOTE 5)

LEAD STYLE SPEC  
(SEE TABLE)

LOCKING LEAD OPTION  
-LL (SEE FIG. 3)  
[N/A ON 1 OR 2 POSITION  
SINGLE ROW]

POLARIZING OPTION  
INDICATES POS (SEE FIG. 2)

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

PLATING SPECIFICATION  
-G: GOLD (USE C-X-X-G)  
-T: TIN (USE C-8-X-T)  
(STANDARD INSERTION FORCE ONLY)  
-S: SELECTIVE (USE C-X-X-S)  
-H: HEAVY GOLD (USE C-X-X-H)  
-F: FLASH SELECTIVE GOLD  
-E: EXTRA HEAVY GOLD (STYLES -01 & -02 ONLY)  
-L: SELECTIVE LIGHT GOLD, MATTE TIN TAIL (USE C-XX-X-L)

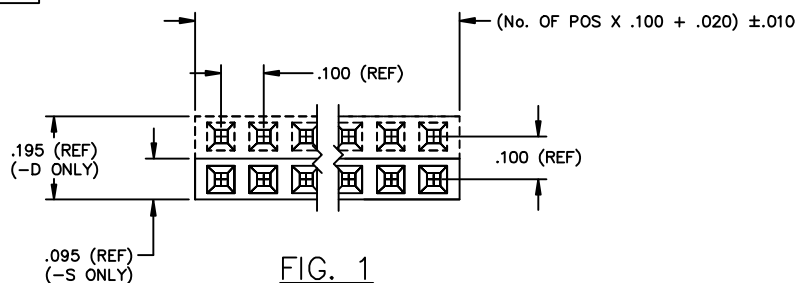
DO NOT SCALE  
FROM THIS PRINT

FIG. 1

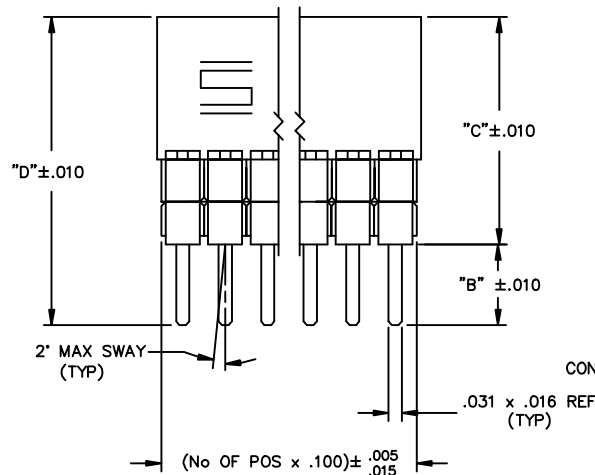
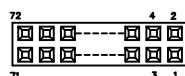


FIG. 2

POLARIZATION LOCATION  
INSERT PK-06-N INTO SPECIFIED POS  
AND BREAK OFF TAB



-D

-S

UNLESS OTHERWISE NOTED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
ONE PLACE DECIMALS ±.1  
TWO PLACE DECIMALS ±.01  
THREE PLACE DECIMALS ±.005  
FOUR PLACE DECIMALS ±.0020  
ANGLES  
± 2°

TITLE:

ESW STRIP ASM.

DWG NO:

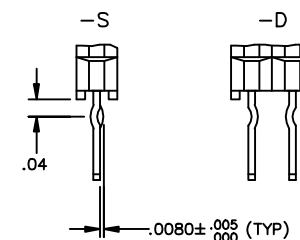
ESW-1XX-XX-X-X-XX-XX

SHEET 1 OF 2

| STANDARD<br>INSERTION<br>FORCE | CONTACT  | SPACER SPECIFICATION<br>(FOR A ONE POSITION SINGLE ROW SEE NOTE 3) |            | "B"  | "C"  | "D"  | "E"  |
|--------------------------------|----------|--|------------|------|------|------|------|
|                                |          | ESW-S  | ESW-D      |      |      |      |      |
| -12                            | C-8-2-X  |  |            | .090 | .435 | .525 | .100 |
| -13                            | C-8-3-X  |  |            | .290 | .435 | .725 | N/A  |
| -14                            | C-8-5-X  |  |            | .480 | .435 | .915 | N/A  |
| -23                            | C-8-3-X  | (1) SUB-SSB-32   | (1) DSB-XX | .190 | .535 | .725 | N/A  |
| -24                            | C-8-5-X  | (1) SUB-SSB-32   | (1) DSB-XX | .380 | .535 | .915 | N/A  |
| -33                            | C-8-3-X  | (2) SUB-SSB-32   | (2) DSB-XX | .090 | .635 | .725 | N/A  |
| -34                            | C-8-5-X  | (2) SUB-SSB-32   | (2) DSB-XX | .280 | .635 | .915 | N/A  |
| -44                            | C-8-5-X  | (1) ESS-XX-S   | (3) DSB-XX | .180 | .735 | .915 | N/A  |
| LOW INSERTION FORCE            |          |  |            |      |      |      |      |
| -37                            | C-17-2-X |  |            | .090 | .435 | .525 | .100 |
| -38                            | C-17-3-X |  |            | .290 | .435 | .725 | N/A  |
| -39                            | C-17-5-X |  |            | .480 | .435 | .915 | N/A  |
| -48                            | C-17-3-X | (1) SUB-SSB-32   | (1) DSB-XX | .190 | .535 | .725 | N/A  |
| -49                            | C-17-5-X | (1) SUB-SSB-32   | (1) DSB-XX | .380 | .535 | .915 | N/A  |
| -58                            | C-17-3-X | (2) SUB-SSB-32   | (2) DSB-XX | .090 | .635 | .725 | N/A  |
| -59                            | C-17-5-X | (2) SUB-SSB-32   | (2) DSB-XX | .280 | .635 | .915 | N/A  |
| -69                            | C-17-5-X | (1) ESS-XX-S   | (3) DSB-XX | .180 | .735 | .915 | N/A  |

FIG. 3

LOCKING LEAD OPTION  
LOCATED ON OR ABOUT CENTERLINE  
[N/A IN 1 OR 2 POSITION SINGLE ROW]



SSW-XX-X

SPACER: FOR SINGLE ROW USE SUB-SSB-32  
(SEE NOTES 3 & 4)  
FOR DOUBLE ROW USE DSB-XX  
(SEE NOTE 4)

BOTTOM BODY: FOR SINGLE ROW USE LBS-36-S  
FOR DOUBLE ROW USE ESW-XX-D

CONTACT

2' MAX TOE  
(TYP)

NOTES:

1. CONTACT PUSHOUT SHALL BE 1 LB. MIN.
2. MAX ALLOWABLE BOW .003 INCH/INCH AFTER ASSEMBLY.
3. FOR A 1 POSITION SINGLE ROW ALL SPACERS ARE TO BE LBS-S.
4. SPACERS SHALL BE ASSEMBLED AS SHOWN WITH SNAP GROOVES AWAY FROM SSW BODY.
5. SINGLE ROW, 33 POS PART TO USE 31 POS AND 2 POS SPACERS

MATERIAL:  
INSULATOR:

SSW  
PRIMARY MATERIAL: LCP  
NOTE DELETED  
COLOR: BLACK

SSB  
PRIMARY MATERIAL:  
NOTE DELETED  
COLOR: BLACK

CONTACT MATERIAL:  
PHOSPHOR BRONZE

ESS  
MATERIAL:  
COLOR: BLACK  
DSB  
MATERIAL:  
COLOR: BLACK  
LBS  
MATERIAL:  
COLOR: BLACK

**samtec**  
EXISPROD/ASSEMBLY/100  
ESW-ASM1

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150  
PHONE (812) 944-6733 P.O. BOX 1147  
CODE 55322

MADE BY: JORDAN 7-16-85  
CHECKED BY: L. WILLIAMS 7-22-85

ENG. APPROVAL  
TM HAHN  
7-22-85

ESW-1XX-XX-X-X-XX-XX  
SHEET 1 OF 2

**PROPRIETARY NOTE**  
THIS DOCUMENT CONTAINS INFORMATION  
CONFIDENTIAL AND PROPRIETARY TO  
SAMTEC INC. AND SHALL NOT BE  
REPRODUCED OR TRANSMITTED IN  
ANY FORM OR BY ANY MEANS,  
ELECTRONIC OR MECHANICAL,  
INCLUDING PHOTOCOPYING, RECORDING,  
OR BY ANY INFORMATION STORAGE  
AND RETRIEVAL SYSTEM, WITHOUT THE  
WRITTEN CONSENT OF SAMTEC INC.