

DO NOT SCALE FROM THIS PRINT

- NOTES:
1. MIN CONTACT PUSHOUT: 1.5 LBS
 2. FOR A 1 POSITION SINGLE ROW ALL SPACERS ARE TO BE TSW-XX-S
 3. SPACERS SHALL BE ASSEMBLED AS SHOWN WITH SNAP GROOVES AWAY FROM SSW BODY.
 4. MAX ALLOWABLE BOW .003 INCH/INCH AFTER ASSMBLY
 5. DO NOT USE DSB SPACER BODY FOR THIS OPTION.
 6. MAX CUT FLASH : .010

CONTACT STYLE
 SQUARE TAIL: USE C-15-X-X
 LOW INSERTION FORCE: C-60-X-X
 (SEE TABLE 1, SHT 2)

NO. OF POSITIONS
 POSITIONS 01 THRU 36
 (SEE FIG1)
 FOR A ONE POSITION
 SINGLE ROW SEE NOTE 2

LEAD STYLE
 (SEE TABLE 1, SHT 2)

PLATING SPECIFICATION

- G: 20µ" GOLD IN CONTACT AREA, 3µ" GOLD TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN TAIL
- H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" GOLD TAIL
- L: 10µ" SELECTIVE LIGHT GOLD IN CONTACT AREA, MATTE TIN TAIL

ESQ-1XX-XX-X-X-XXX-XX-X-XX

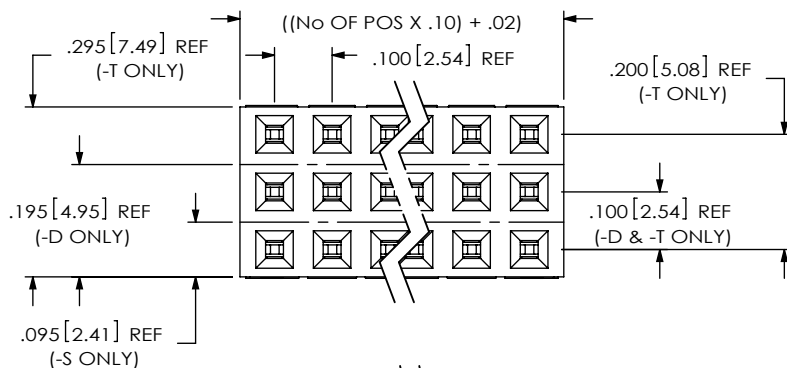
*SEE NOTE 6

METAL WASHER OPTION
 #* -H-MW: (SEE FIG 3, SHT 2)
 (N/A ON TRIPLE ROW)
 (.300 [7.62] MAX TAIL)
 (AVAILABLE ON POS
 -02 THRU -32 ONLY)

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

POLARIZATION OPTION
 INDICATES POSITION (SEE FIG 4, SHT 2)

ROW SPECIFICATION (SEE TABLE 1, SHT 2)
 -S: SINGLE (USE SSW-50-S)
 -D: DOUBLE (USE SSW-50-D)
 -T: TRIPLE (USE SSW-50-T)



#-MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/12/02

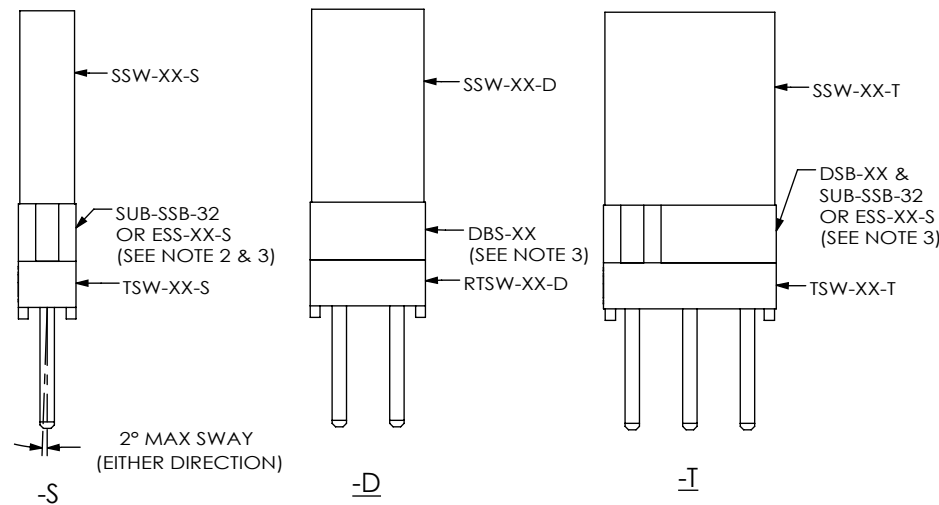
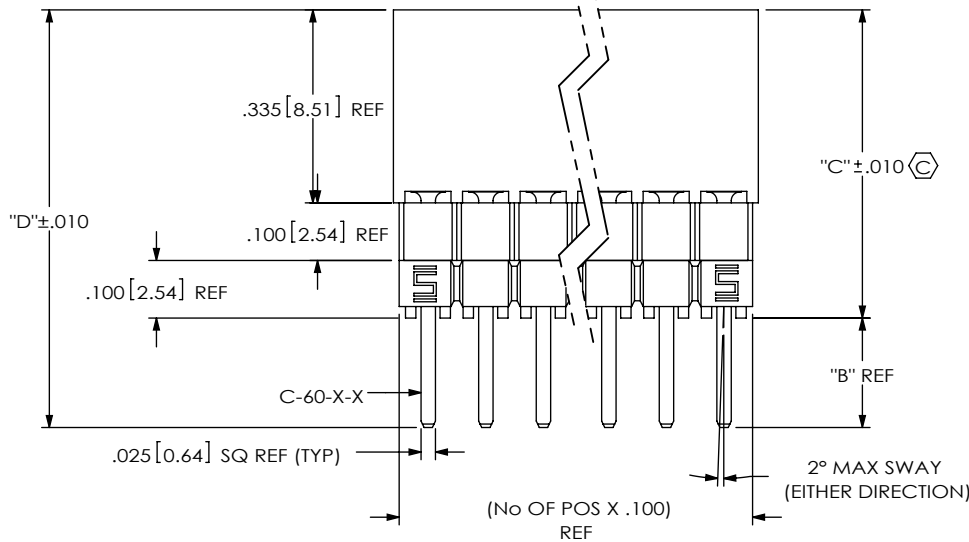


FIG 1
 ESQ-110-XX-X-T

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN MILLIMETERS.
 TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 2°
 .XXX: ±.005
 .XXXX: ±.0020

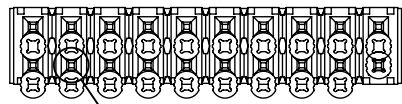
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:1
 INSULATOR: LCP, UL 94 V0
 COLOR: BLACK
 CONTACT : PHOS BRONZE

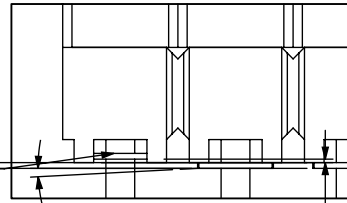
DESCRIPTION: ESQ STRIP ASM
 DWG. NO. ESQ-1XX-XX-X-X-XXX-XX-X-XX
 BY: JORDAN 7-16-85 SHEET 1 OF 4



ESQ-110-XX-X-D-MW-T

DETAIL A
SCALE 4 : 1

.005 [0.13] MAX
MEASURE AT
THE TAIL



DETAIL B
SCALE 6 : 1

3° MAX SWAY
ANY DIRECTION

.003 [0.08] MAX
MEASURE AT
THE TAIL

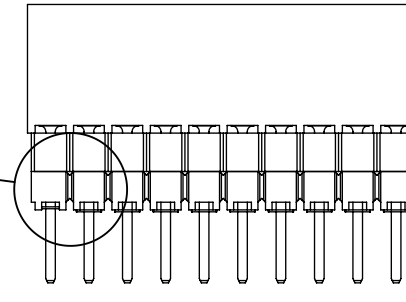


FIG 3

#-H-MW: METAL WASHER
ESQ-110-XX-X-X-MWT
(ONE PER POSITION)
(-S & -D BODY SPECS ONLY)
(SEE NOTE 5)

(SAME AS FIG 1 UNLESS OTHERWISE NOTED)

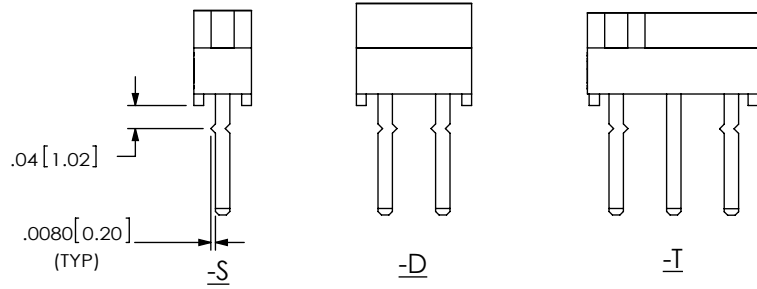
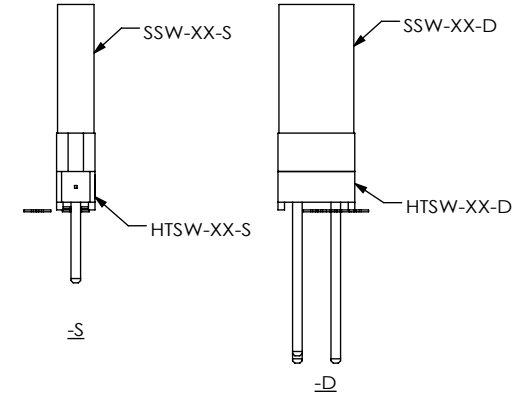


FIG 2

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

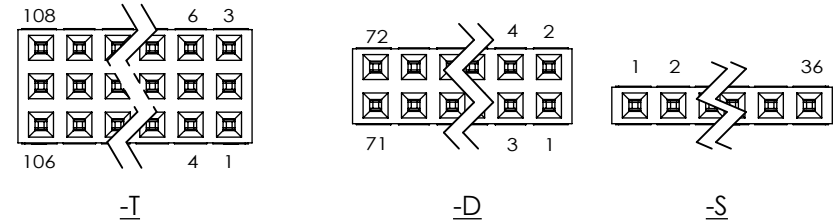


FIG 4

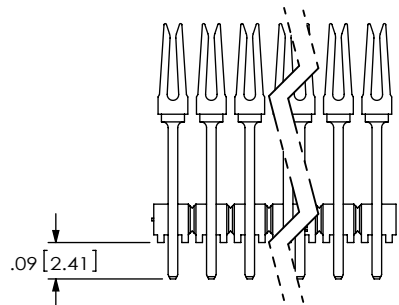
XXX: POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS
AND BREAK OFF TAB

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

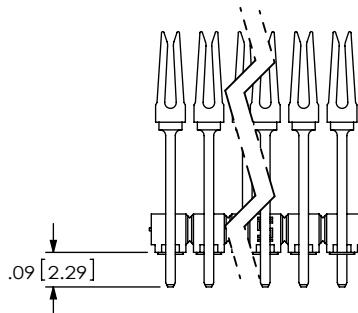
| TABLE 1 | | | | | | | | |
|--------------------------|----------|---|------------|---------------------------|-----------|-------------|-------------|------------|
| STANDARD INSERTION FORCE | CONTACT | SPACER SPECIFICATION (FOR A ONE POSITION SINGLE SEE NOTE 3) | | | "B" | "C" | "D" | "E" |
| | | ESQ-S | ESQ-D | ESQ-T | | | | |
| -12 | C-15-2-X | N/A | N/A | N/A | .09[2.29] | .435[11.05] | .525[13.33] | .100[2.54] |
| -13 | C-15-3-X | N/A | N/A | N/A | .29[7.37] | .435[11.05] | .725[18.41] | N/A |
| -14 | C-15-4-X | N/A | N/A | N/A | .48[12.2] | .435[11.05] | .915[23.24] | N/A |
| -23 | C-15-3-X | (1) SUB-SSB-32 | (1) DSB-XX | (1) SUB-SSB-32 (1) DSB-XX | .19[4.83] | .535[13.59] | .725[18.41] | N/A |
| -24 | C-15-4-X | (1) SUB-SSB-32 | (1) DSB-XX | (1) SUB-SSB-32 (1) DSB-XX | .38[9.65] | .535[13.59] | .915[23.24] | N/A |
| -33 | C-15-3-X | (2) SUB-SSB-32 | (2) DSB-XX | (2) SUB-SSB-32 (2) DSB-XX | .09[2.87] | .635[16.13] | .725[18.41] | N/A |
| -34 | C-15-4-X | (2) SUB-SSB-32 | (2) DSB-XX | (2) SUB-SSB-32 (2) DSB-XX | .28[7.11] | .635[16.13] | .915[23.24] | N/A |
| -44 | C-15-4-X | (1) ESS-XX-S | (3) DSB-XX | (1) ESS-XX-S (3) DSB-XX | .18[4.57] | .735[18.67] | .915[23.24] | N/A |
| LOW INSERTION FORCE | CONTACT | SPACER SPECIFICATION (FOR A ONE POSITION SINGLE SEE NOTE 3) | | | "B" | "C" | "D" | "E" |
| | | ESQ-S | ESQ-D | ESQ-T | | | | |
| -37 | C-60-2-X | N/A | N/A | N/A | .09[2.87] | .435[11.05] | .525[13.33] | .100 |
| -38 | C-60-3-X | N/A | N/A | N/A | .29[7.37] | .435[11.05] | .725[18.41] | N/A |
| -39 | C-60-4-X | N/A | N/A | N/A | .48[12.2] | .435[11.05] | .915[23.24] | N/A |
| -48 | C-60-3-X | SUB-SSB-32 | (1) DSB-XX | (1) SUB-SSB-32 (1) DSB-XX | .19[4.83] | .535[13.59] | .725[18.41] | N/A |
| -49 | C-60-4-X | (1) SUB-SSB-32 | (1) DSB-XX | (1) SUB-SSB-32 (1) DSB-XX | .38[9.65] | .535[13.59] | .915[23.24] | N/A |
| -58 | C-60-3-X | (2) SUB-SSB-32 | (2) DSB-XX | (2) SUB-SSB-32 (2) DSB-XX | .09[2.87] | .635[16.13] | .725[18.41] | N/A |
| -59 | C-60-4-X | (2) SUB-SSB-32 | (2) DSB-XX | (2) SUB-SSB-32 (2) DSB-XX | .28[7.11] | .635[16.13] | .915[23.24] | N/A |
| -69 | C-60-4-X | (1) ESS-XX-S | (3) DSB-XX | (1) ESS-XX-S (3) DSB-XX | .18[4.57] | .735[18.67] | .915[23.24] | N/A |

| | | |
|---|--|---------------------|
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| | <p>DESCRIPTION: ESQ STRIP ASM</p> | |
| | <p>DWG. NO. ESQ-1XX-XX-X-X-XXX-XX-X-XX</p> | |
| <p>BY: WHITTAKER 9-11-98</p> | | <p>SHEET 2 OF 4</p> |

LOAD CONTACT

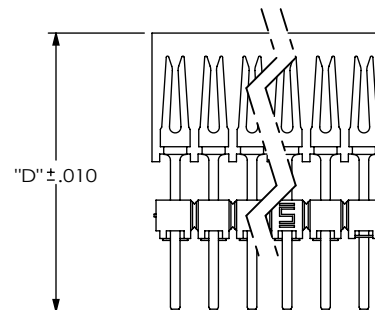


PRESS ON -MW

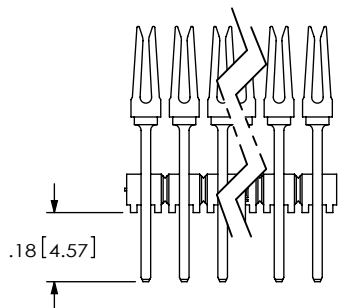


IN PROCESS
-12, -33, -37, -58

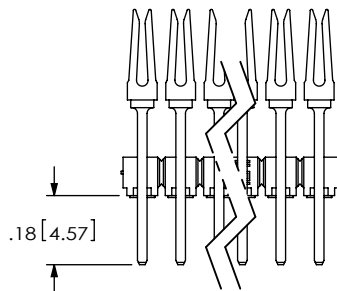
PRESS ON
SSW BODY



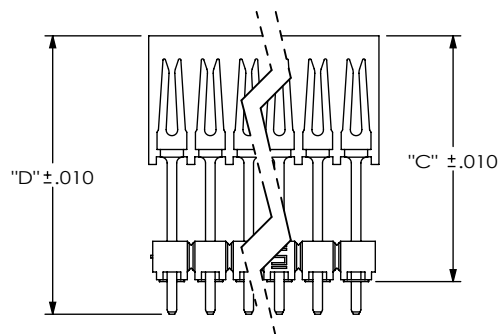
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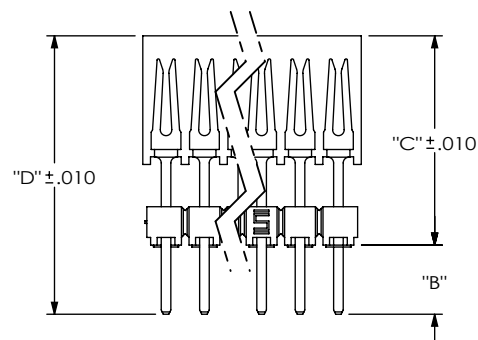
PRESS ON -MW



PRESS ON
SSW BODY



REPRESS STACKER BODY
AND -MW TO PROPER "C" DIM



IN PROCESS
-13, -14, -23, -24, -34, -38
-39, -44, -48, -49, -59, -69

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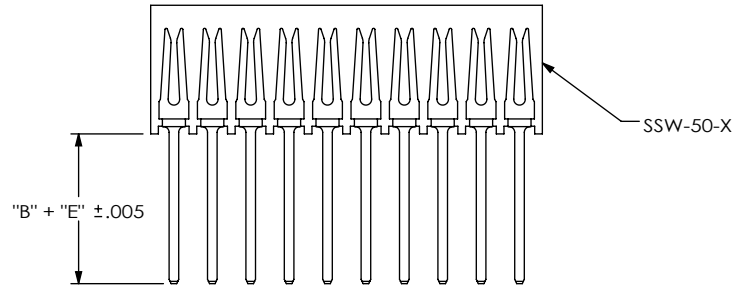


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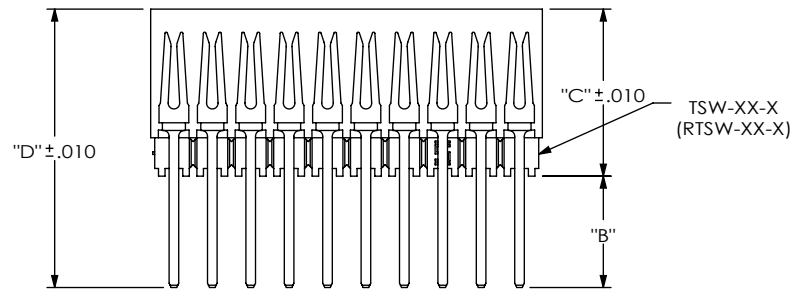
DESCRIPTION: ESQ STRIP ASM

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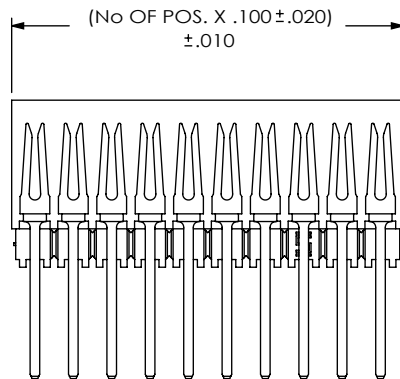
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STEP 1
MACHINE FILL SSW-50-X



STEP 2
MULTI-CUT TSW-50-X TO POS (RTSW-50-D FOR DOUBLE ROW)
AND MOUNT AS SHOWN.
(IF RTSW-50-D NOT AVAILABLE, TSW-50-D MAY BE USED)



STEP 3
ROTO CUT TO POS

FIG 5
ESQ-110-XX-X-S
IN PROCESS "B"
(LEAD STYLE -12 & -37)
(-S & -D ONLY)

| TABLE 2 | | | |
|--|-----|---------------|----------|
| LEAD STYLE | ROW | TUBE | PLUG (2) |
| -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-24 |
| -12, -37 | -D | PT-1-24-03-44 | TP-07 |
| -14, -24, -34, -44, -39, -49, -59, -69 | | PT-1-24-02-47 | TP-07 |
| -13, -23, -33, -38, -48, -58 | | PT-1-24-01-51 | TP-13 |
| -12, -37 | -T | PT-1-24-01-51 | TP-13 |
| -13, -14, -23, -24, -33, -34, -44, -38, -39, -48, -49, -58, -59, -69 | | PT-1-24-03-51 | TP-13 |

1. FOR -12 & -37 LEAD STYLES TUBE PAC KAGE -04 THRU -36 POSITION ONLY.
2. FOR -13, -23, -33, -38, -48, & -58 LEAD STYLES TUBE PACKAGE -08 THRU -36 POSITIONS ONLY.
3. FOR -14, -24, -34, -44, -39, -49, -59, & -69 LEAD STYLES -05 THRU -36 POSITIONS ONLY.

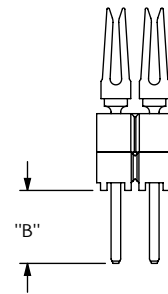
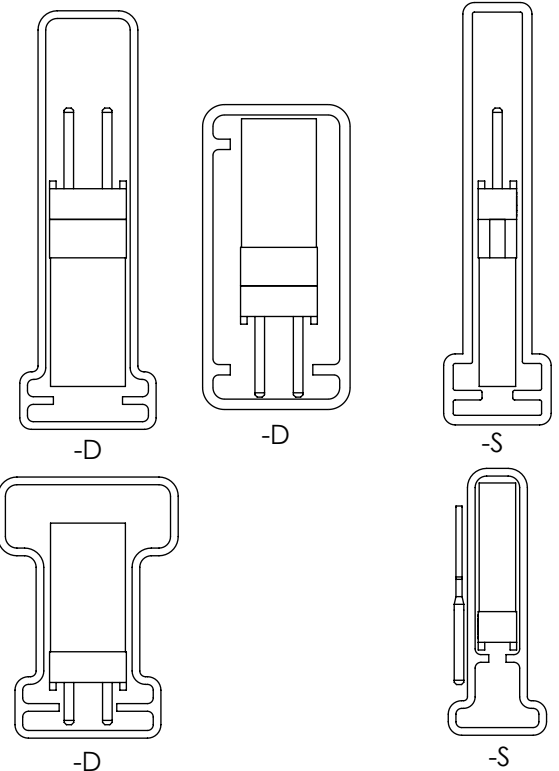


FIG 6
ESQ-110-XX-X-D
IN PROCESS "A"
(LEAD STYLE -12-T, -13, -14, -23, -24, -33, -34, -44, -37-T, -38, -48, -49, -58, -59, -69)



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ESQ STRIP ASM

DWG. NO.
ESQ-1XX-XX-X-X-XXX-XX-X-XX

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