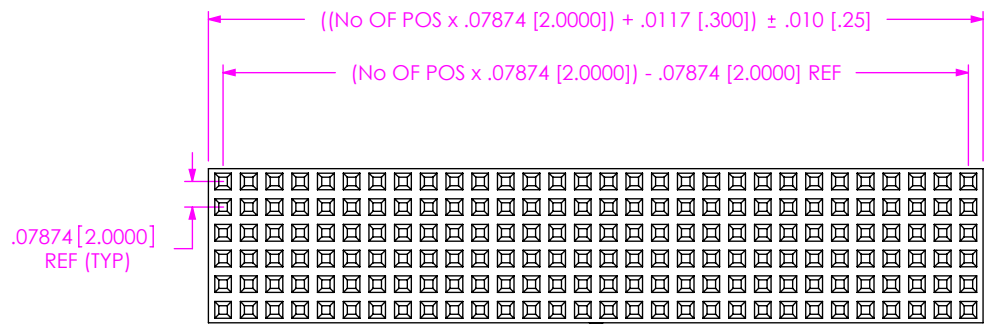


FIG. 1



**** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/07/02.**

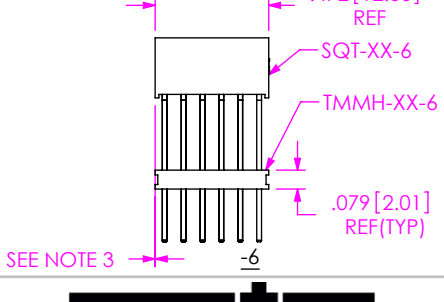
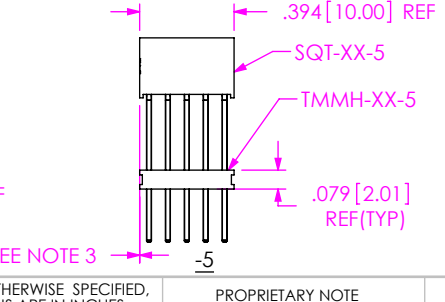
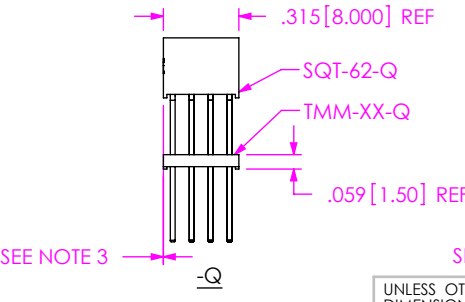
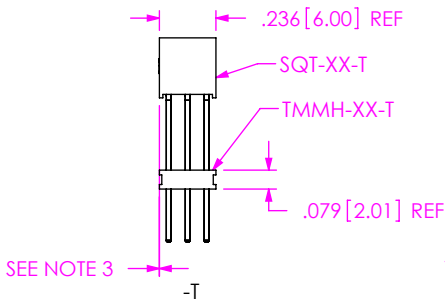
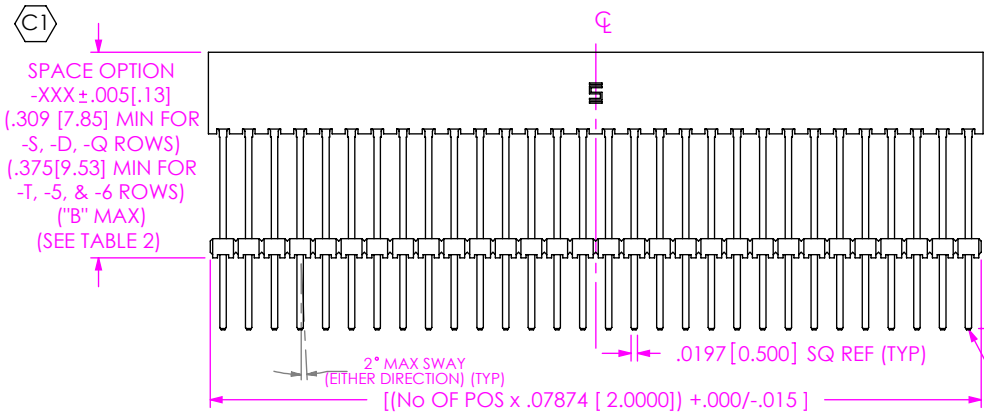


TABLE 2		
LEAD STYLE	"A"	"B"
-02	.850 [21.59]	.800 [20.32]
-03	.458 [11.63]	.408 [10.36]

- NOTES:
1. C REPRESENTS A CRITICAL DIMENSION.
 2. TOOLING TO BE DESIGNED TO PRODUCE UP TO 61 POSITIONS.
 3. TMM / TMMH BODIES ARE NOT TO BE MORE THAN $\pm .005$ FROM PLANE SET BY SQT BODY.
 4. -XM FOR T, 5 AND 6 ROW OPTIONS CANNOT WITHSTAND PB-FREE REFLOW PROCESSING.
 5. MAX CUT FLASH .020 [51]

POSITION SPECIFICATION

-02 THRU -50 POSITIONS
PER ROW (SEE NOTE 1)

LEAD STYLE SPEC

-02: USE C-79-02-X
-03: USE C-79-53-X

PLATING SPECIFICATION

-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.
-FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL.
-L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.
-LM: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL.
-G: GOLD, 20 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL.
-GF: LIGHT GOLD: 15 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL (-02 LEAD STYLE ONLY).
-H: HEAVY GOLD: 30 Au / 50 Ni MIN ON CONTACT, 3 Au / 50 Ni MIN ON TAIL.
-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.
-SM: SELECTIVE: 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.
-M: MEDIUM SELECTIVE, 20 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.
-MM: MEDIUM SELECTIVE: 20 Au / 50 Ni MIN ON CONTACT, MATTE TIN ON TAIL.

OPTION

** -MW: METAL WASHER (SEE FIG. 2, SHT. 2) (5 POS MIN, 30 POS MAX) (USE TMMH-XX-D-XX BODY N/A ON -S ROW SPEC) (.090 [2.29] MIN, .300 [7.62] MAX TAIL FOR -F, -L & -S PLATING) (.090 [2.29] MIN, .482 [12.24] MAX TAIL FOR -G, & -M PLATING)

POLARIZATION OPTION

-XXX: INDICATES POSITION (SEE FIG 3, SHT 2) (USE PK-07)

SPACE OPTION

.309 [7.85] MIN FOR -S, -D, -Q ROWS
.375 [9.53] MIN FOR -T, -5 & -6 ROWS
"B" MAX (SEE TABLE 2)

ROW SPECIFICATION

-S: SINGLE (SEE -S)
-D: DOUBLE (SEE -D)
-T: TRIPLE (SEE -T & SEE NOTE 4)
-Q: QUAD (SEE -Q)
-5: FIVE (SEE -5 & SEE NOTE 4)
-6: SIX (SEE -6 AND SEE NOTE 4)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES

.X: $\pm .1 [2.5]$

.XX: $\pm .01 [3]$

.XXX: $\pm .005 [13]$

.XXXX: $\pm .0020 [51]$

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MATERIAL: DO NOT SCALE DRAWING

INSULATOR: LCP, UL 94 VO, COLOR: BLACK

CONTACT: PHOS BRONZE

SHEET SCALE: 2:1



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

DESCRIPTION:

ELEVATED SQT ASSM.

DWG. NO.

ESQT-1XX-XX-XX-X-XXX-XXX-XX

BY: PURVIS

10/20/1995

SHEET 1 OF 2

FIG. 2

**** -MW: METAL WASHER
(ONE PER POSITION)
(5 POS. MIN, 30 POS. MAX)**

FLUSH TO $+.008$ [.20] MAX
(BELOW TMMH BODY)

3°
MAX
SWAY

$.005$ [0.13] MAX
(MEASURE AT THE TAIL)

SPACE OPTION
 $-.XXX$ $+.008$ [.20]
 $-.005$ [.13]

TMMH-XX-D-XX-XX

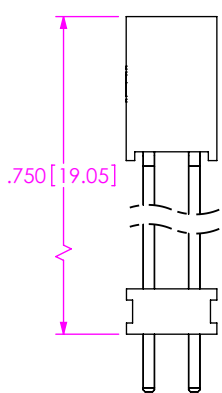
**** -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
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DETAIL 'A'
SCALE 6:1

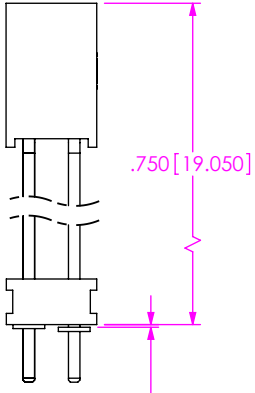
SQT-01-MW-T

DETAIL 'B'
SCALE 6:1

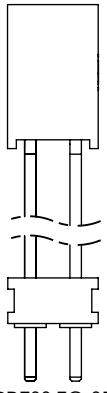
-02 STYLE ONLY



IN PROCESS 1



IN PROCESS 2



REPRESS TO SPACE
OPTION NEEDED

IN PROCESS 3

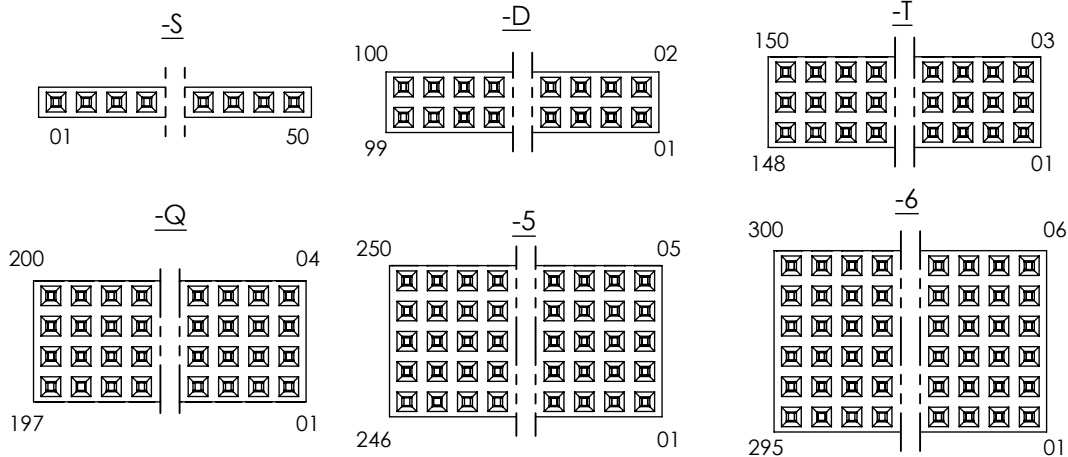


FIG. 3

POLARIZATION OPTION LOCATION
INSERT PK-07-N INTO SPECIFIED
POSITION AND BREAK OFF TAB

NOTE:
1. MINIMUM CONTACT
RETENTION: 0.5 LB PER PIN.

TABLE 2				
STYLE	ROW	NO. OF POS.	PKG TUBE	TUBE PLUG
-02	-S	15-50 (-MW 5-30 POS)	PT-1-24-01-47	TP-24
-03	-S	15-50 (-MW 5-30 POS)	PT-1-24-01-46	TP-24
-02, -03	-S	02-14	LAYER PACKAGING	
-02	-D	15-50 (-MW 5-30 POS)	PT-1-24-01-34	TP-07
-03	-D	15-50 (-MW 5-30 POS)	PT-1-24-02-46	TP-03
-02, -03	-D	02-14	LAYER PACKAGING	
-02	-T	15-50 (-MW 5-30 POS)	PT-1-24-01-74	TP-07
-03	-T	15-50 (-MW 5-30 POS)	PT-1-24-08-15	TP-07
-02, -03	-T	02-14	LAYER PACKAGING	
-02	-Q	15-50 (-MW 5-30 POS)	PT-1-24-03-51	TP-13
-03	-Q	15-50 (-MW 5-30 POS)	PT-1-24-16-29	TP-07
-02, -03	-Q	02-14	LAYER PACKAGING	
-02	-5	15-50 (-MW 5-30 POS)	PT-1-24-01-56	TP-31
-03	-5	15-50 (-MW 5-30 POS)	PT-1-24-01-08	TP-13
-02, -03	-5	02-14	LAYER PACKAGING	
-02	-6	15-50 (-MW 5-30 POS)	PT-1-24-03-28	TP-13
-03	-6	15-50 (-MW 5-30 POS)	PT-1-24-01-75	TP-13
-02, -03	-6	02-14	LAYER PACKAGING	

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SHEET SCALE: 2:1



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BY: PURVIS 10/20/1995 SHEET 2 OF 2