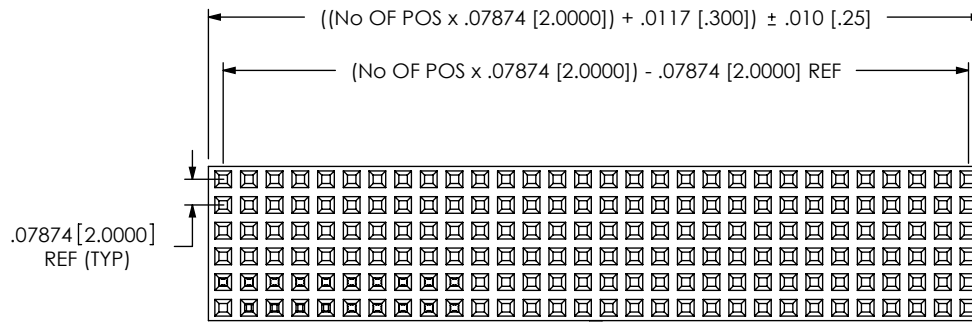


DO NOT SCALE FROM THIS PRINT

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

FIG 1



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

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 / 50Ni 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

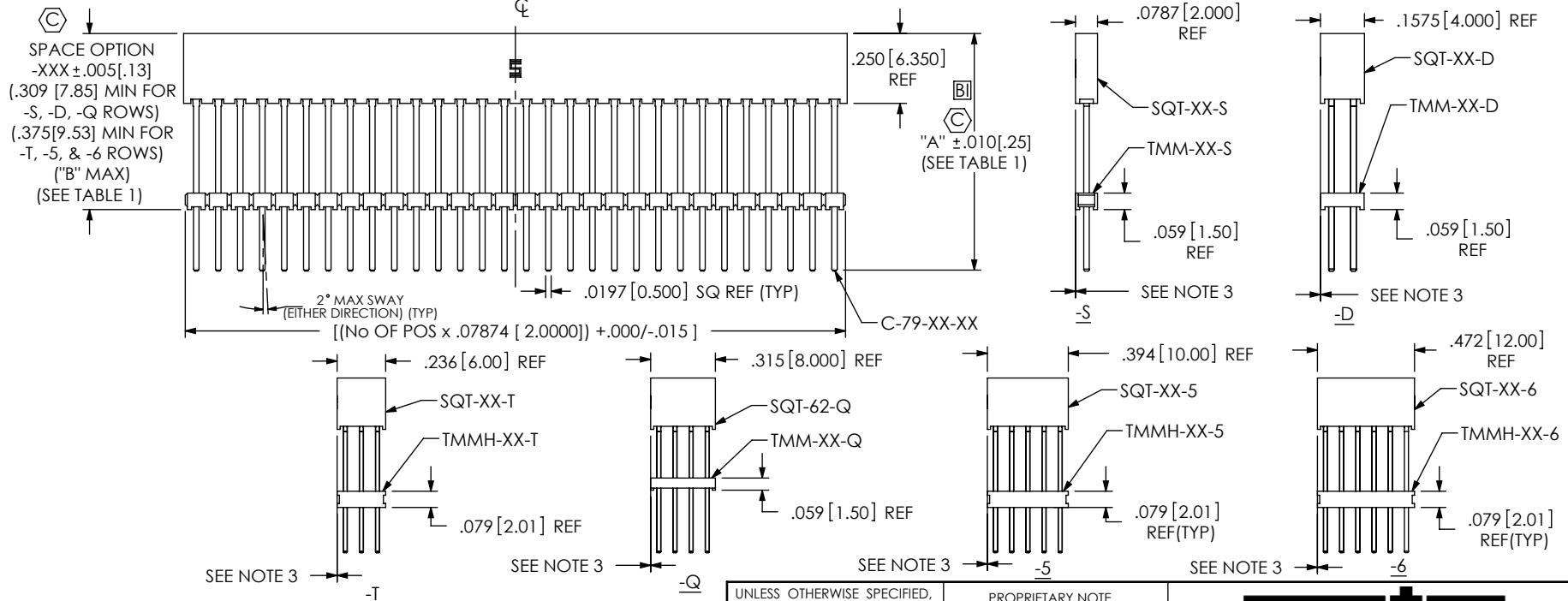
-XXX: INDICATES POSITION (SEE FIG 3, SHT 2) (USE PK-07)

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)



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

NOTES:

- Ⓢ REPRESENTS A CRITICAL DIMENSION.
- TOOLING TO BE DESIGNED TO PRODUCE UP TO 61 POSITIONS.
- TMM / TMMH BODIES ARE NOT TO BE MORE THAN ± .005 FROM PLANE SET BY SQT BODY.
- XM FOR T, 5 AND 6 ROW OPTIONS CANNOT WITHSTAND PB-FREE REFLOW PROCESSING.
- MAX CUT FLASH .020 [0.51]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 DECIMALS ANGLES  
 .X: ±.1 [2.5]  
 .XX: ±.01 [3]  
 .XXX: ±.005 [13]  
 .XXXX: ±.0020 [0.51]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1  
 INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
 CONTACT: PHOS BRONZE



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  $+0.008 [0.20]$  MAX  
(BELOW TMMH BODY)

3°  
MAX  
SWAY

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

SPACE OPTION  
-XXX  $+0.008 [0.20]$   
 $-0.005 [0.13]$

TMMH-XX-D-XX-XX

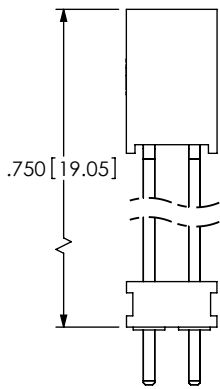
**\*\* -MW OPTION, DO NOT DESIGN IN. SAMTEC WILL  
ONLY SUPPORT EXISTING BUSINESS 2/07/02.**

DETAIL 'A'  
SCALE 6:1

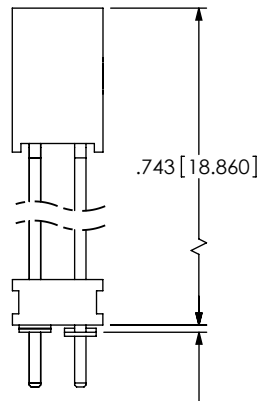
SQT-01-MW-T

DETAIL 'B'  
SCALE 6:1

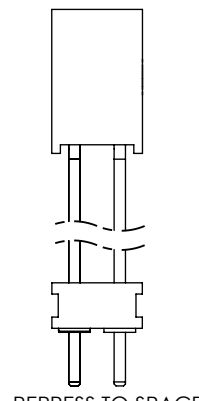
**-02 STYLE ONLY**



IN PROCESS 1



IN PROCESS 2



REPRESS TO SPACE  
OPTION NEEDED  
IN PROCESS 3

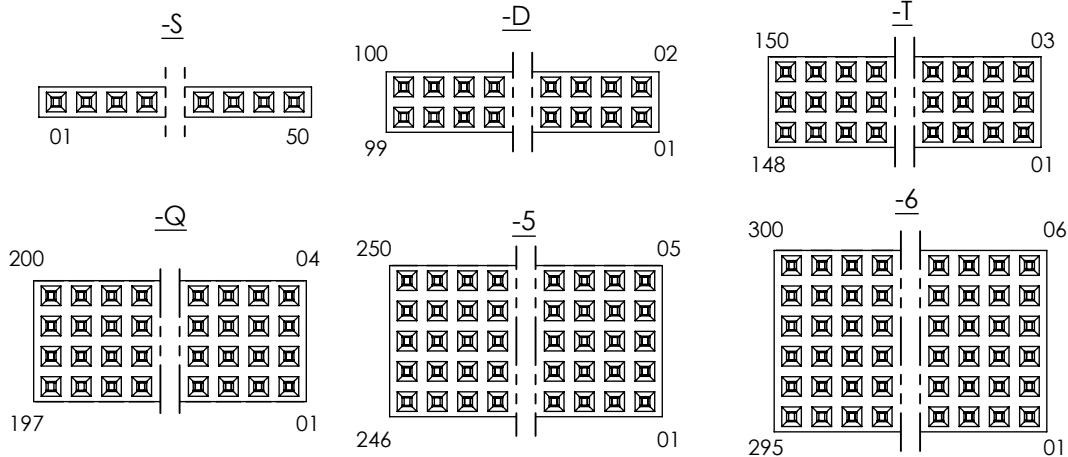


FIG 3

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



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 2 OF 2	