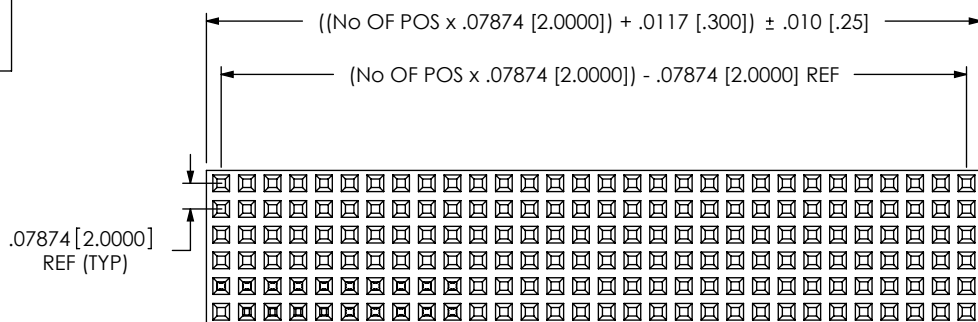


FIG 1

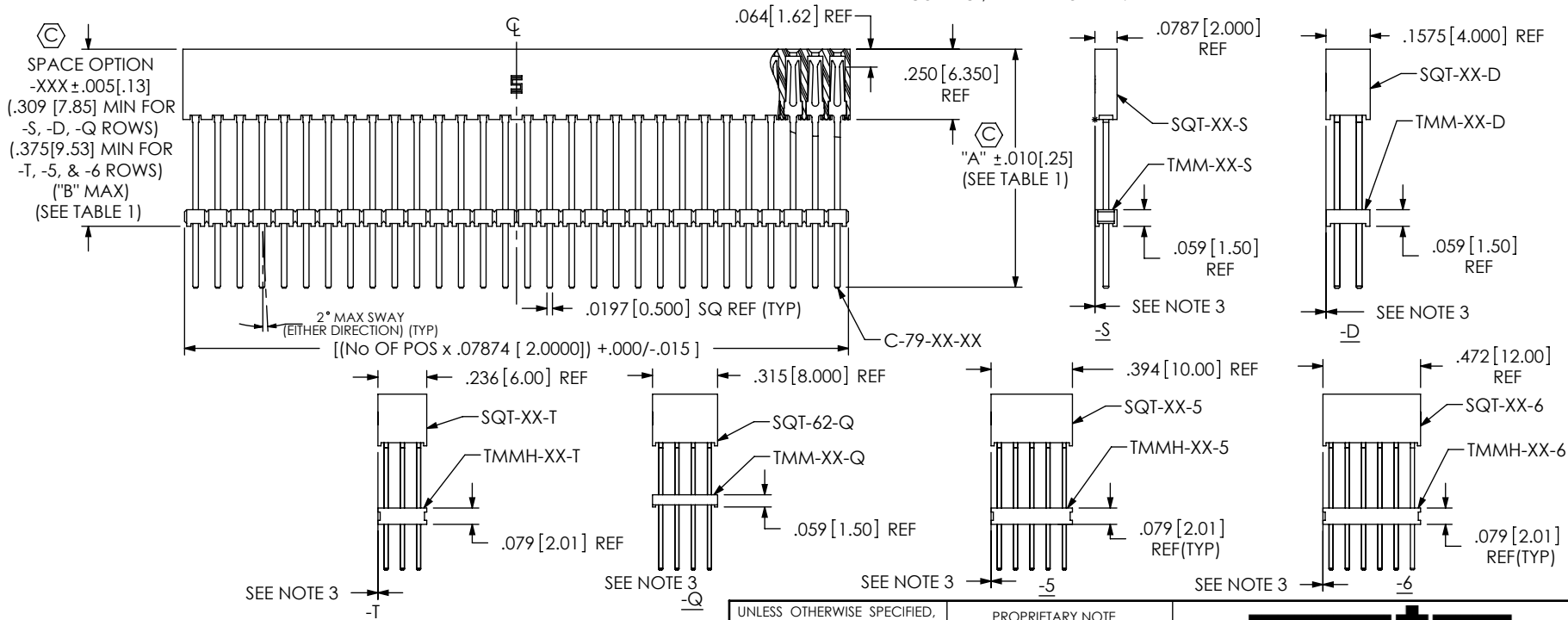
DO NOT SCALE FROM THIS PRINT



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

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

- 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)



SPACE OPTION
 -XXX ± .005 [.13]
 (.309 [7.85] MIN FOR -S, -D, -Q ROWS)
 (.375 [9.53] MIN FOR -T, -5, & -6 ROWS)
 ("B" MAX)
 (SEE TABLE 1)

2° MAX SWAY (EITHER DIRECTION) (TYP)

[(No OF POS x .07874 [2.0000]) + .000 / -.015]

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 [.51]

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:
 DECIMALS ANGLES
 X: ± .1 [2.5]
 XX: ± .01 [.3]
 XXX: ± .005 [.13]
 XXXX: ± .0020 [.051]

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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 $+0.008 [0.20]$
-005 $[-0.13]$

TMMH-XX-D-XX-XX

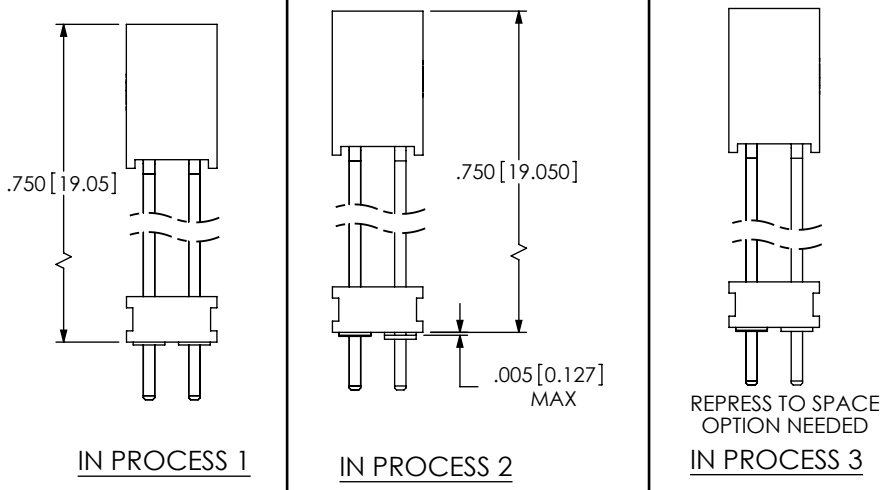
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DETAIL 'A'
SCALE 6:1

SQT-01-MW-T

DETAIL 'B'
SCALE 6:1

-02 STYLE ONLY



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-31
-03	-6	15-50 (-MW 5-30 POS)	PT-1-24-01-75	TP-13
-02, -03	-6	02-14	LAYER PACKAGING	

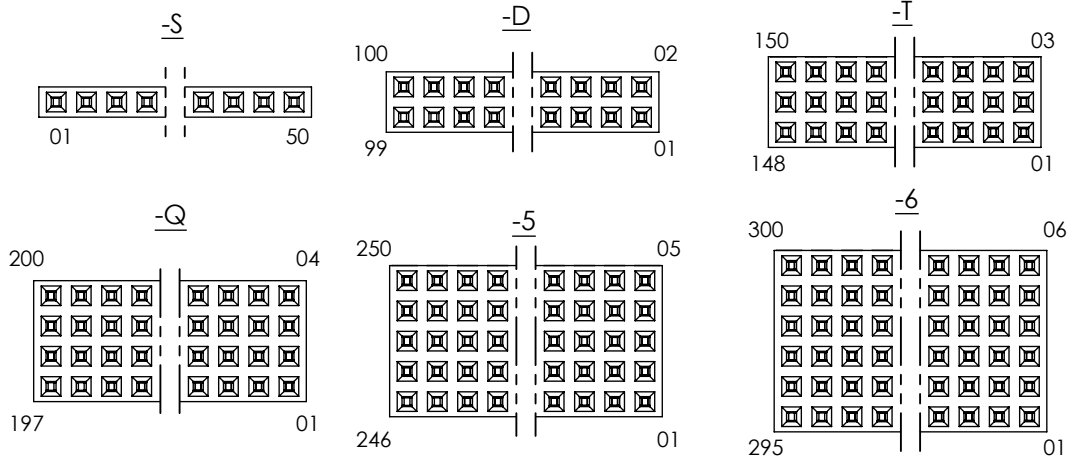


FIG 3

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

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

F:\DWG\MISC\MKTG\ESQT-1XX-XX-XX-X-XXX-XXX-XX-MKT.SLDRW

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

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