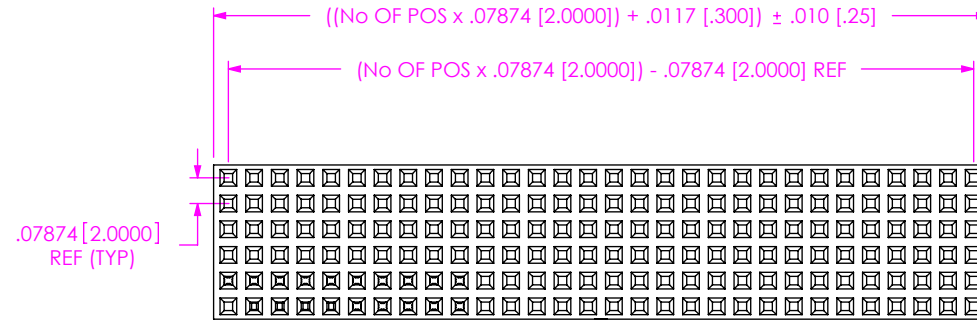


DO NOT SCALE FROM THIS PRINT

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)

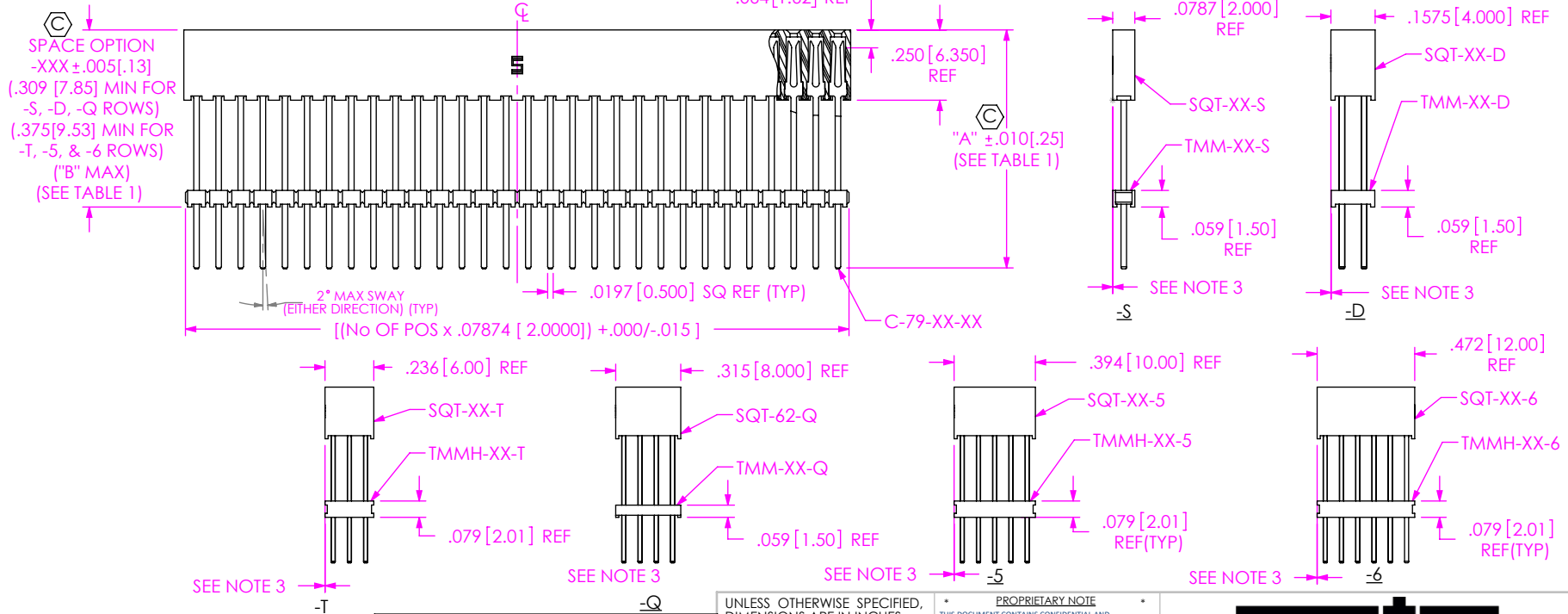
POLARIZATION OPTION
-XXX: INDICATES POSITION (SEE FIG 3, SHT 2) (USE PK-07)

SPACE OPTION

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

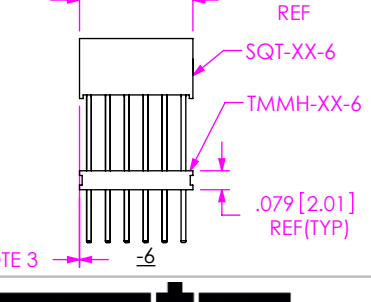
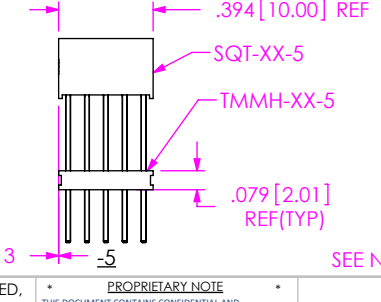
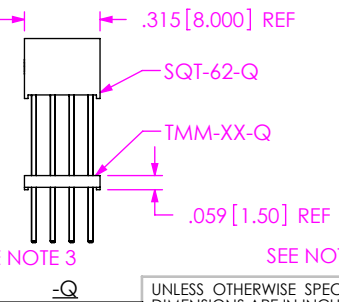
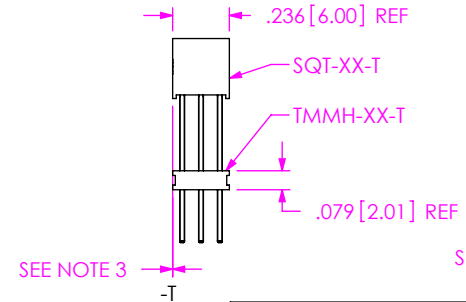
ROW SPECIFICATION

-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)




- NOTES:
- ① 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]
 - ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM

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

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



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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 3

FIG 2
**** -MW: METAL WASHER**
 (ONE PER POSITION)
 (5 POS MIN, 30 POS MAX)

FLUSH TO $+0.008$ [.20] MAX
 (BELOW TMMH BODY)

3°
 MAX
 SWAY

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

SPACE OPTION
 $-XXX +0.008$ [.20]
 $-.005$ [.13]

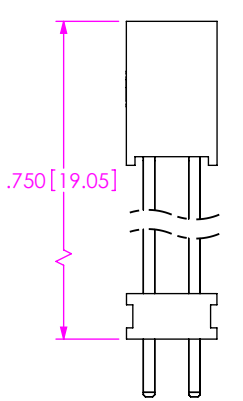
TMMH-XX-D-XX-XX

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

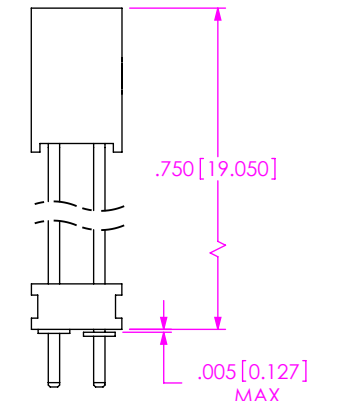
DETAIL 'A'
 SCALE 6 : 1

DETAIL 'B'
 SCALE 6 : 1

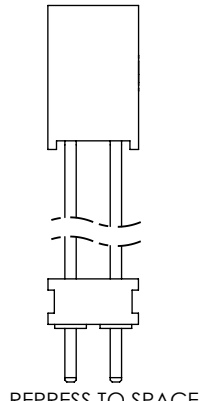
-02 STYLE ONLY



IN PROCESS 1



IN PROCESS 2



REPRESS TO SPACE OPTION NEEDED
 IN PROCESS 3

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-1-24-01-131	TP-26
-03	-6	15-50 (-MW 5-30 POS)	PT-1-24-01-75	TP-13
-02, -03	-6	02-14	LAYER PACKAGING	

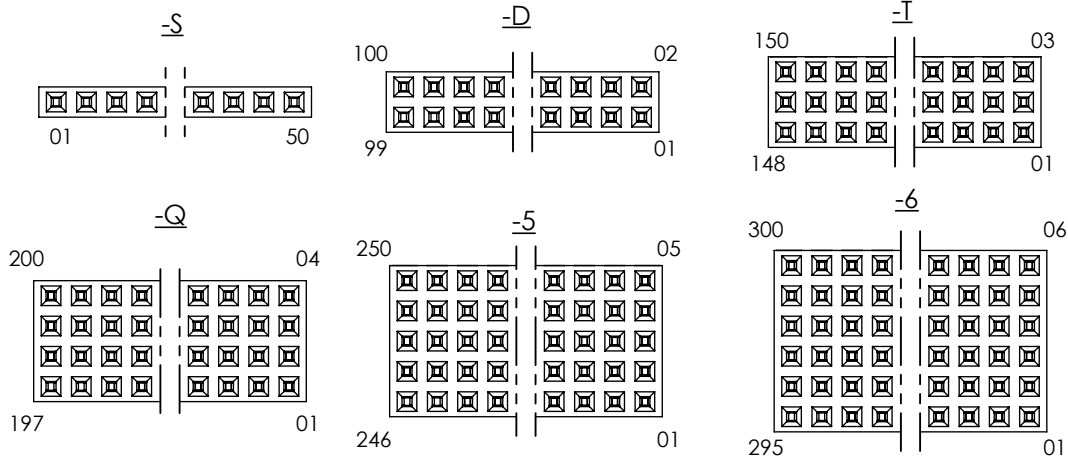


FIG 3
 POLARIZATION OPTION LOCATION
 INSERT PK-07-N INTO SPECIFIED POSITION AND BREAK OFF TAB

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

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

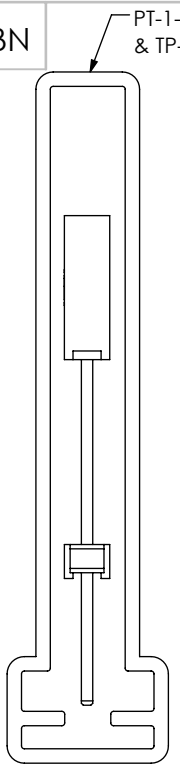
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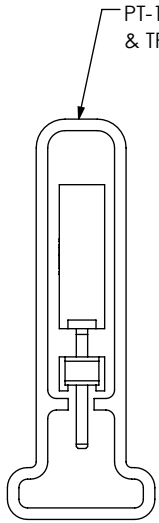


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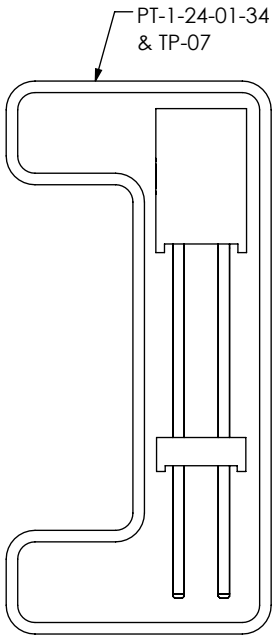
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 DWG. NO. ESQT-1XX-XX-XX-X-XXX-XXX-XX
 BY: PURVIS 10/20/1995 SHEET 2 OF 3



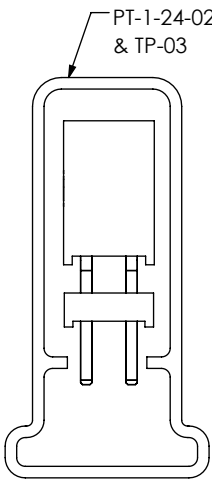
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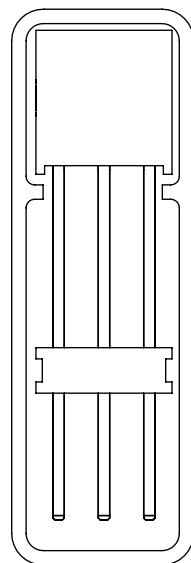
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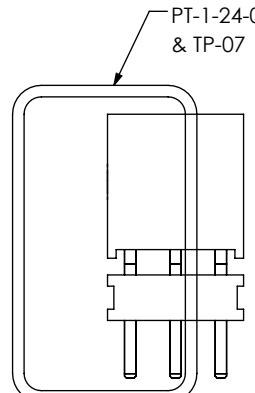
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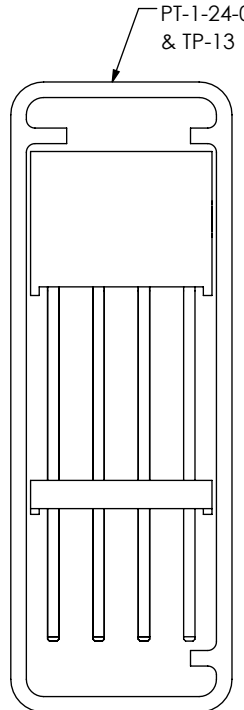
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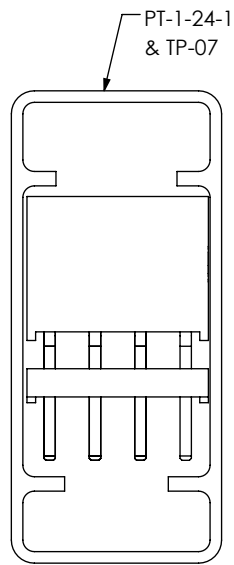
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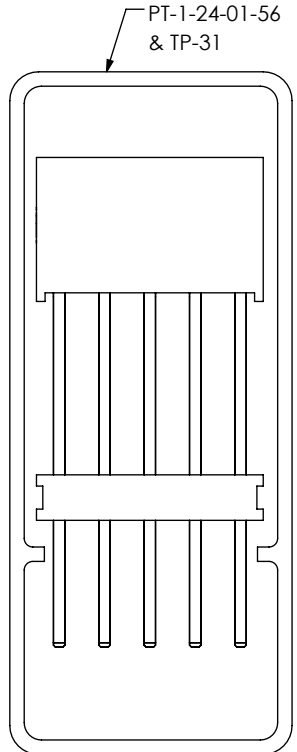
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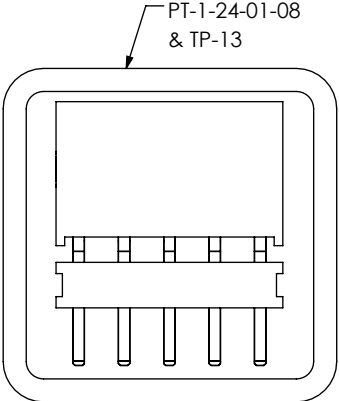
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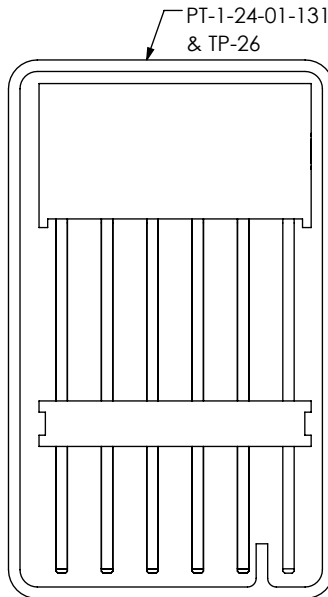
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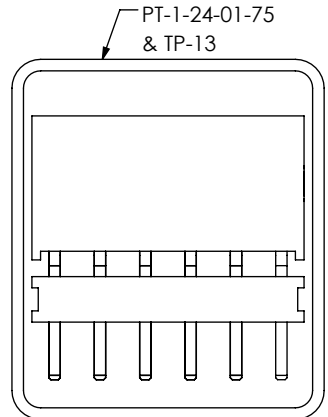
-02-5



-03-5



-02-6



-03-6

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