

DO NOT  
SCALE FROM  
THIS PRINT

1.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
2. POSITIONS -04 THRU -50 ARE TO BE TUBED.
3. POSITIONS 02 & 03 ARE TO BE LAYERED PACKAGED.
4. MAXIMUM CUT FLASH: .010[.25].
5. STAKED ALIGNMENT PIN USED AT SAMTECS DISCRETION.
6. MEASURE THE HEIGHT FROM THE EDGE, NOT THE BREAK OFF.
7. MEASURED AT BEND RADIUS, NOT END OF PIN.
8. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
9. MINIMUM PUSHOUT FORCE: .5 LB.
10. COPLANARITY MEASURED AT .0016[0.041] IN/IN

## SQW-1XX-01-XXX-D-VS-XX-XXX

## No OF POSITIONS

-02 THRU -50  
(PER ROW)

## LEAD STYLE

-01

## PLATING SPECIFICATION

-F: 3 $\mu$ " FLASH SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-L: 10 $\mu$ " LIGHT SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-S: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-STL: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA  
TIN/LEAD (93/7+/-5%) TAIL  
-H: 30 $\mu$ " HEAVY GOLD IN CONTACT AREA  
3 $\mu$ " ON TAIL  
-FM: 3 $\mu$ " FLASH SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-LM: 10 $\mu$ " LIGHT SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL  
-SM: 30 $\mu$ " SELECTIVE GOLD IN CONTACT AREA  
MATTE TIN ON TAIL

## POLARIZATION OPTION

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

## OPTION

-A: STAKED & MOLDED IN ALIGNMENT PIN  
(5 POS MIN) (USE SM-A8H, SEE FIG 3, SHT 2)  
-LC: LOCKING CLIP (5 POS MIN)  
(USE LC-07-TM, SEE FIG 4, SHT 2 & NOTE 8)  
-P: PICK & PLACE PAD (4 POS MIN)  
(USE LMP-03, SEE FIG 6, SHT 2)  
-TR: TAPE & REEL  
(AVAILABLE POS 4 THRU 28)  
-K: POLYAMIDE FILM PAD (4 POS MIN)  
(USE K-DOT-.167-.281-.005, SEE FIG 7, SHT 2)

## TAIL STYLE

-VS: VERTICAL

## ROW SPECIFICATION

-D: DOUBLE (USE SQW-XX-D)

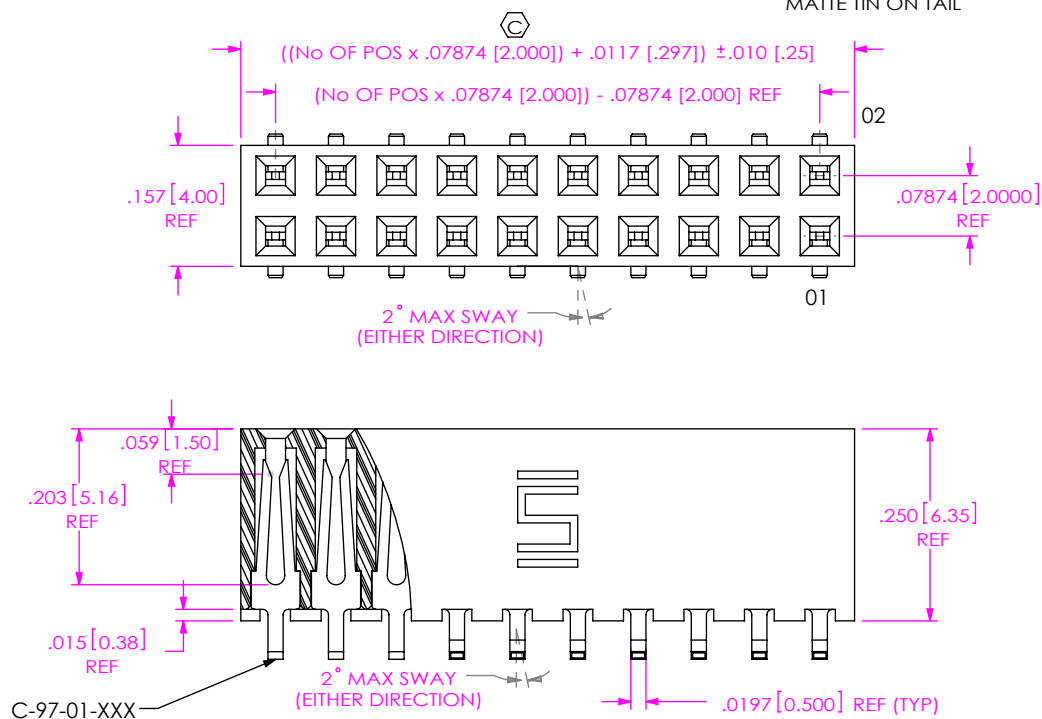
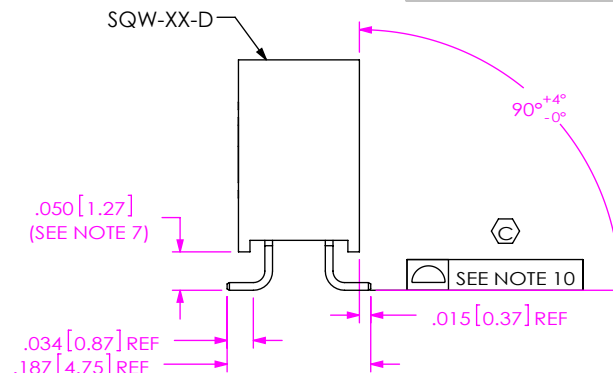
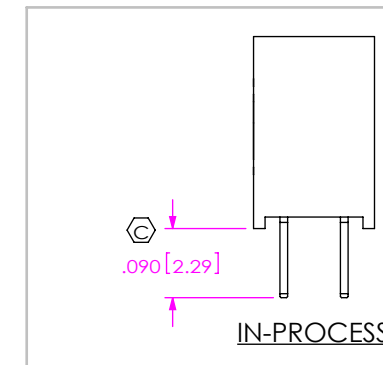


FIG 1

SQW-110-01-XXX-D-VS SHOWN



UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3]  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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**samtec**

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: 4:1

INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE

DESCRIPTION:

2MM SOCKETS TRIP ASSEMBLY

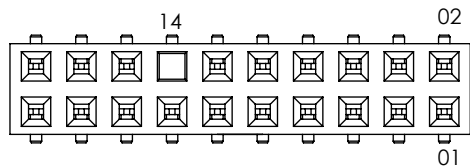
DWG. NO.

SQW-1XX-01-XXX-D-VS-XX-XXX

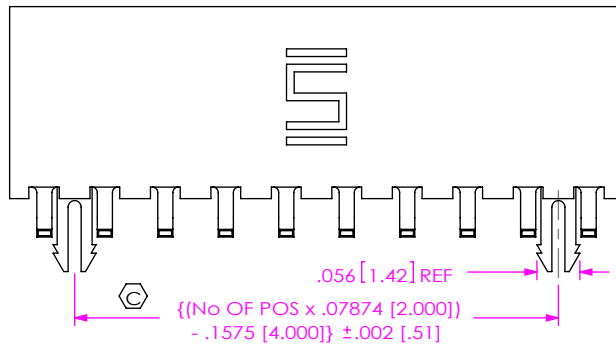
BY: DEAN P

04/22/1997

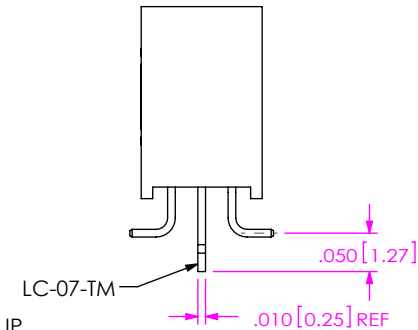
SHEET 1 OF 3



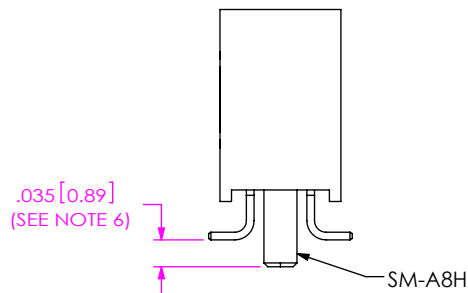
**FIG 2**  
POLARIZATION OPTION LOCATION  
INSERT PK-07-N INTO SPECIFIED  
POSITION AND BREAK OFF TAB  
SQW-110-01-XXX-D-VS-014 SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



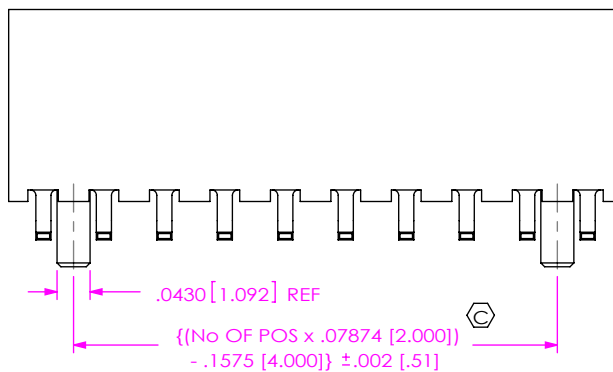
**FIG 4**  
-LC: LOCKING CLIP  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-LC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



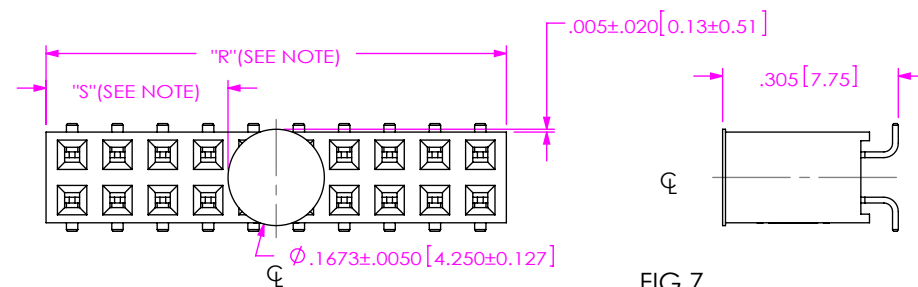
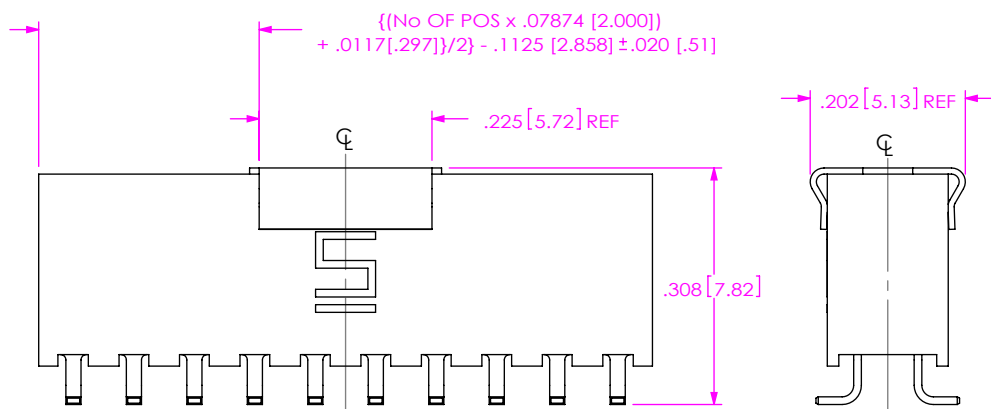
**FIG 5**  
-A: MOLDED ALIGNMENT PIN  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-A SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 3**  
-A: STAKED ALIGNMENT PIN  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-A SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



**FIG 6**  
-P: PICK & PLACE PAD  
(4 POS MIN)  
SQW-110-01-XXX-D-VS-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



NOTE:  
"R" = USED MEASURED DIMENSION (REF)  
"S" = {"R" - .1673 [4.25]} / 2 ± .020 [.51]

**FIG 7**  
POLYAMIDE FILM PAD  
(4 POS MIN)  
SQW-110-01-XXX-D-VS-K SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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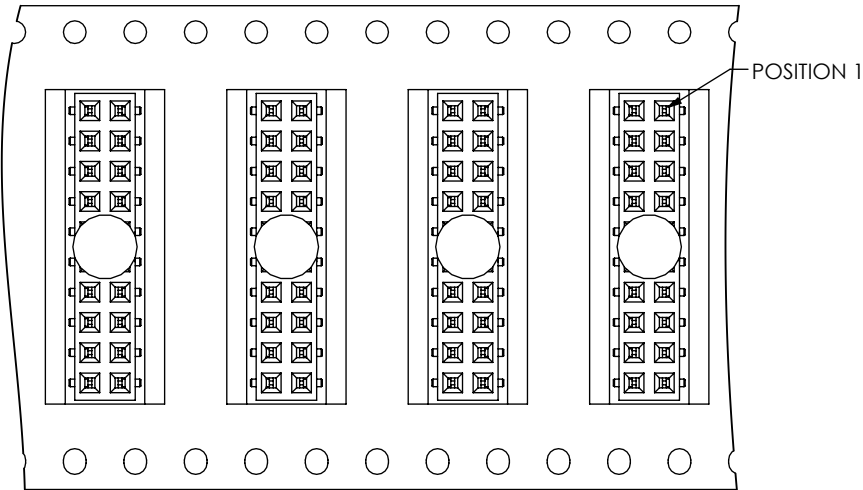
**samtec**

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

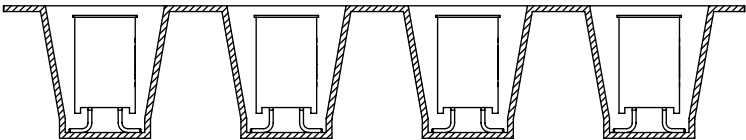
DESCRIPTION:  
2MM SOCKETS TRIP ASSEMBLY

DWG. NO.  
**SQW-1XX-01-XXX-D-VS-XX-XXX**

BY: DEAN P 04/22/1997 SHEET 2 OF 3

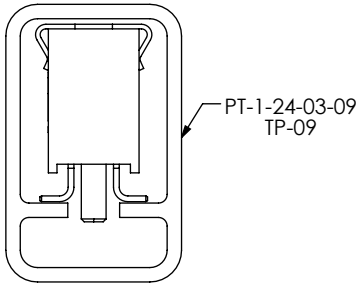


USER DIRECTION OF UNREELING →  
POCKET NOT DETAILED

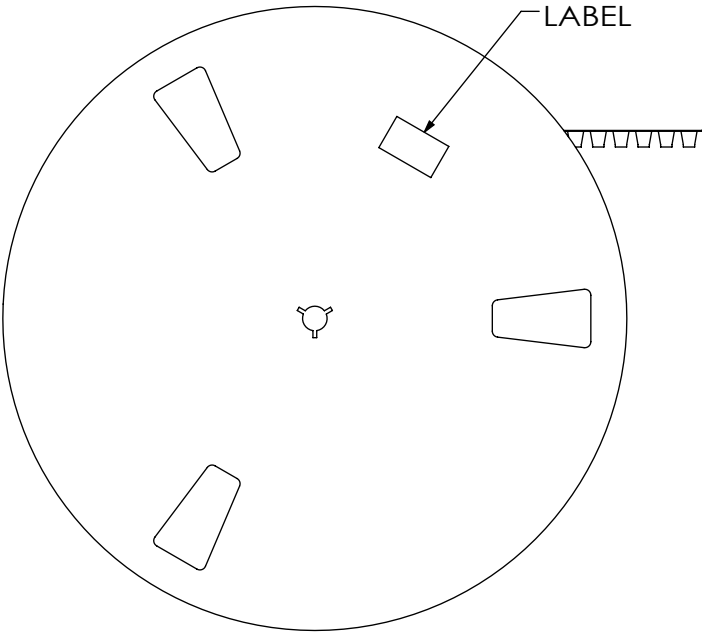
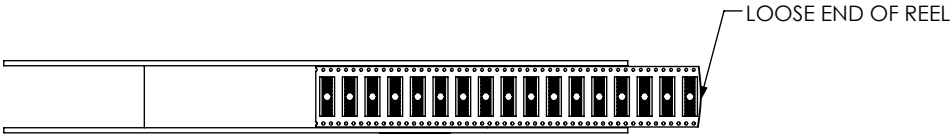


PARTS TO COME OFF REEL AS SHOWN  
WITH POCKETS FACING UP

TAPE & REEL VIEW



TUBE VIEW



UNWINDING DIRECTION →

REEL

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e-Mail info@SAMTEC.com code 55322

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