

## NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- POSITIONS -04 THRU -50 ARE TO BE TUBED.
- POSITIONS 02 & 03 ARE TO BE LAYERED PACKAGED.
- MAXIMUM CUT FLASH: .010 [.25].
- STAKED ALIGNMENT PIN USED AT SAMTECS DISCRETION.
- MEASURE THE HEIGHT FROM THE EDGE, NOT THE BREAK OFF.
- MEASURED AT BEND RADIUS, NOT END OF PIN.
- 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.
- MINIMUM PUSHOUT FORCE: .5 LB.

DO NOT  
SCALE FROM  
THIS PRINT

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

NO OF POSITIONS  
-02 THRU -50  
(PER ROW)  
LEAD STYLE  
-01

## PLATING SPECIFICATION

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

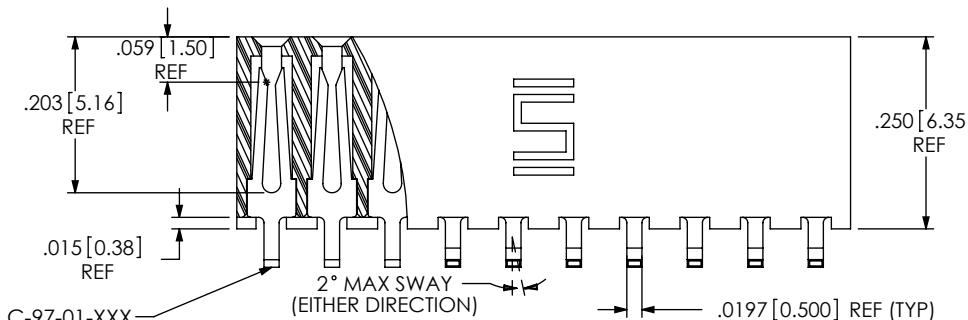
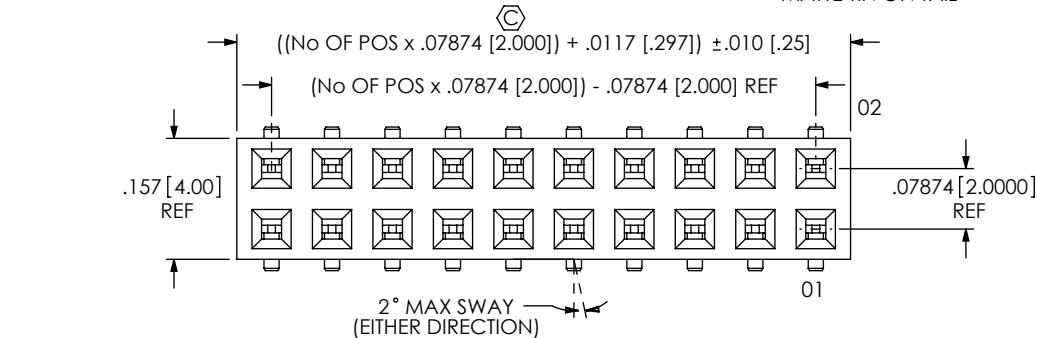
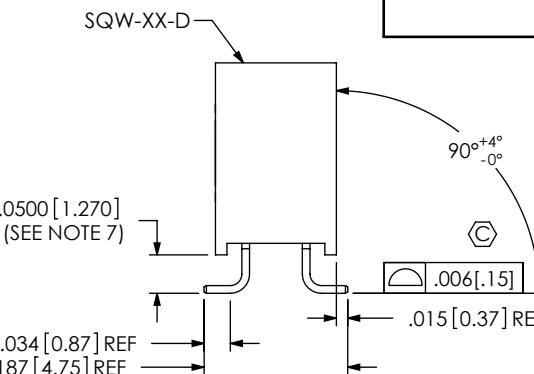
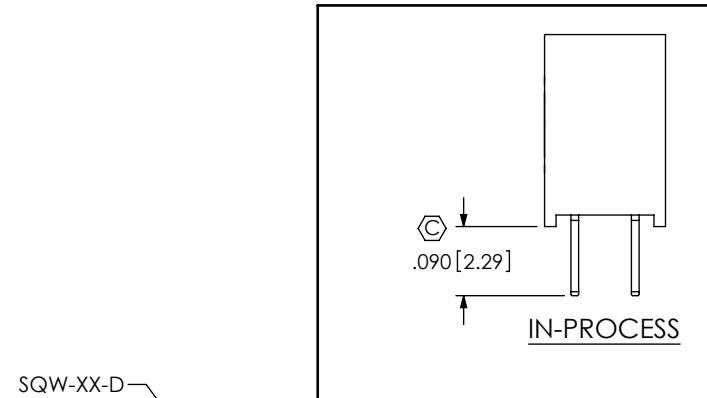
- A: STAKED & MOLDED IN ALIGNMENT PIN  
(5 POS MIN) (USE SM-A8H, SEE FIG 3, SHT 2)
- LC: LOCKING CLIP (5 POS MIN)  
(USE LC-07-TM, SEE FIG 4, SHT 2 & NOTE 8)
- P: PICK & PLACE PAD (4 POS MIN)  
(USE LMP-03, SEE FIG 6, SHT 2)
- TR: TAPE & REEL  
(AVAILABLE POS 4 THRU 28)
- K: POLYAMIDE FILM PAD (4 POS MIN)  
(USE K-500-300, SEE FIG 7, SHT 2)  
.005 [.13] THICKNESS WITH SILICONE ADHESIVE)

## TAIL STYLE

-VS:

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]            2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
TERMINAL: PHOSPHOR BRONZE

SHEET SCALE: 4:1

**Samtec**  
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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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 1 OF 3

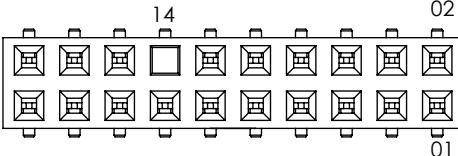


FIG 2  
POLARIZATION OPTION LOCATION  
INSERT PK-07-N INTO SPECIFIED  
POSITION AND BREAK OFF TAB  
SQW-110-01-XXX-D-VS-014 SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

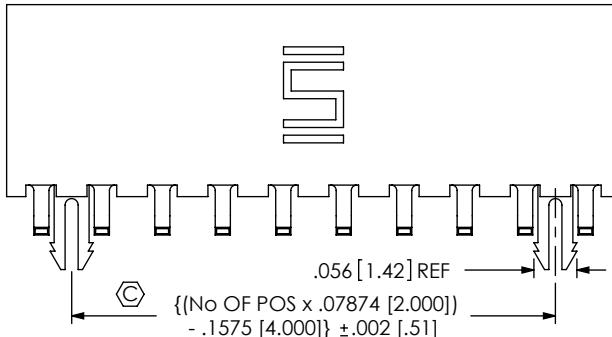


FIG 4  
-LC: LOCKING CLIP  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-LC SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

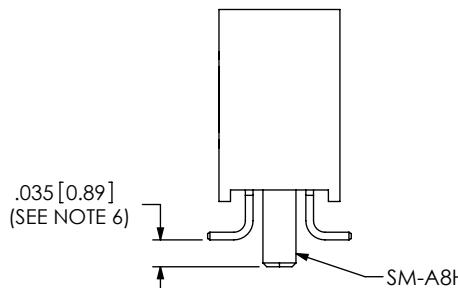


FIG 3  
-A: STAKED ALIGNMENT PIN  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-A SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

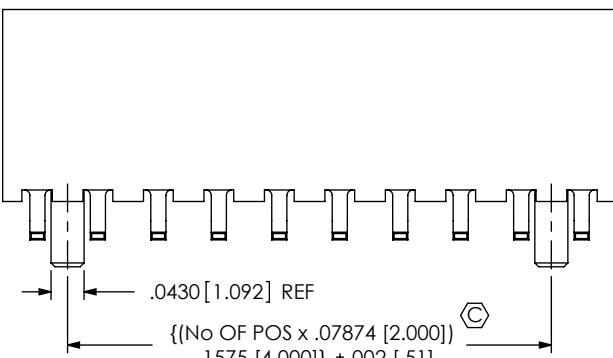


FIG 5  
-A: MOLDED ALIGNMENT PIN  
(5 POS MIN)  
SQW-110-01-XXX-D-VS-A SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

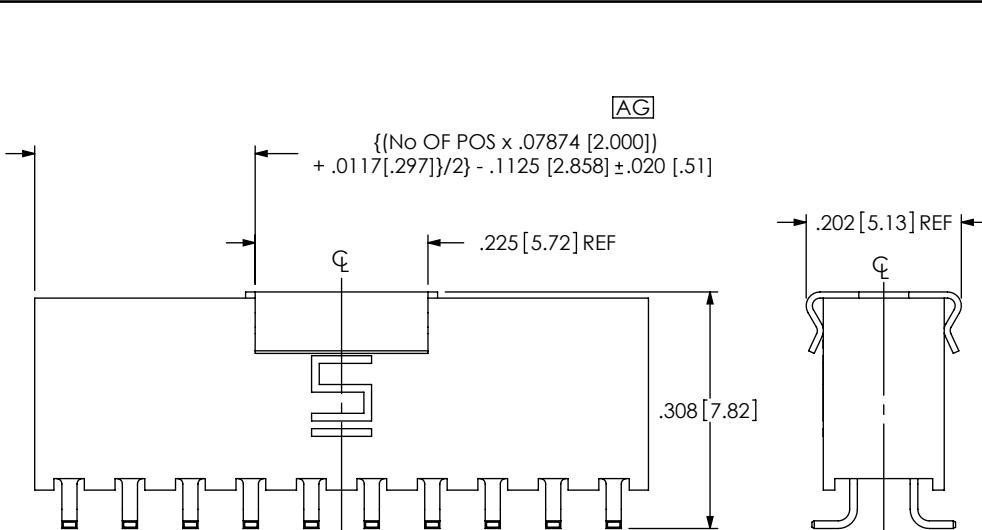


FIG 6  
-P: PICK & PLACE PAD  
(4 POS MIN)  
SQW-110-01-XXX-D-VS-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

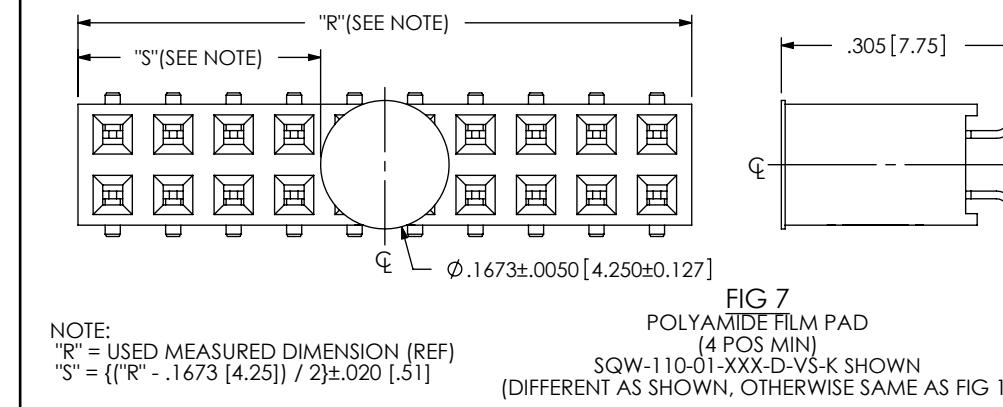


FIG 7  
POLYAMIDE FILM PAD  
(4 POS MIN)  
SQW-110-01-XXX-D-VS-K SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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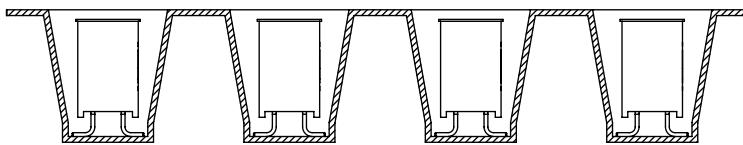
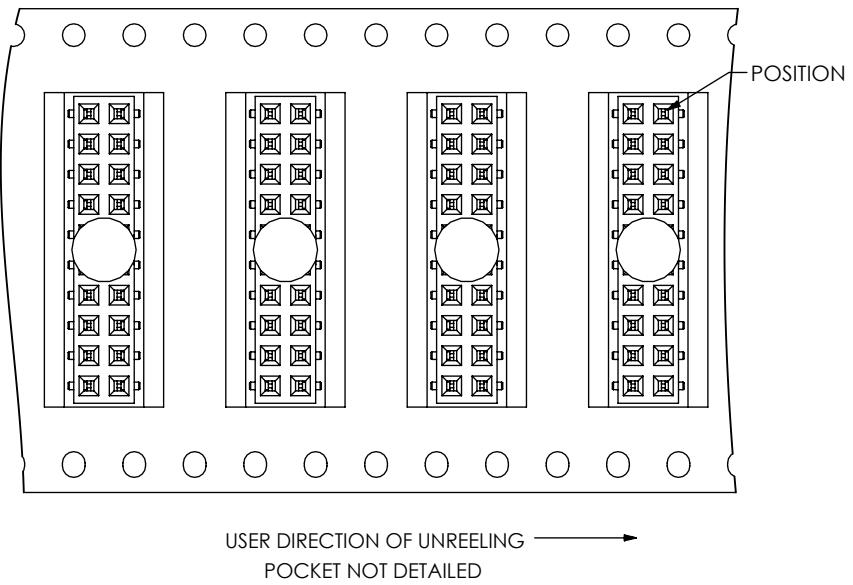
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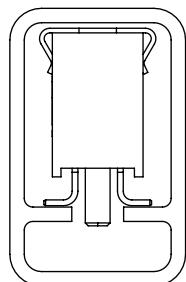
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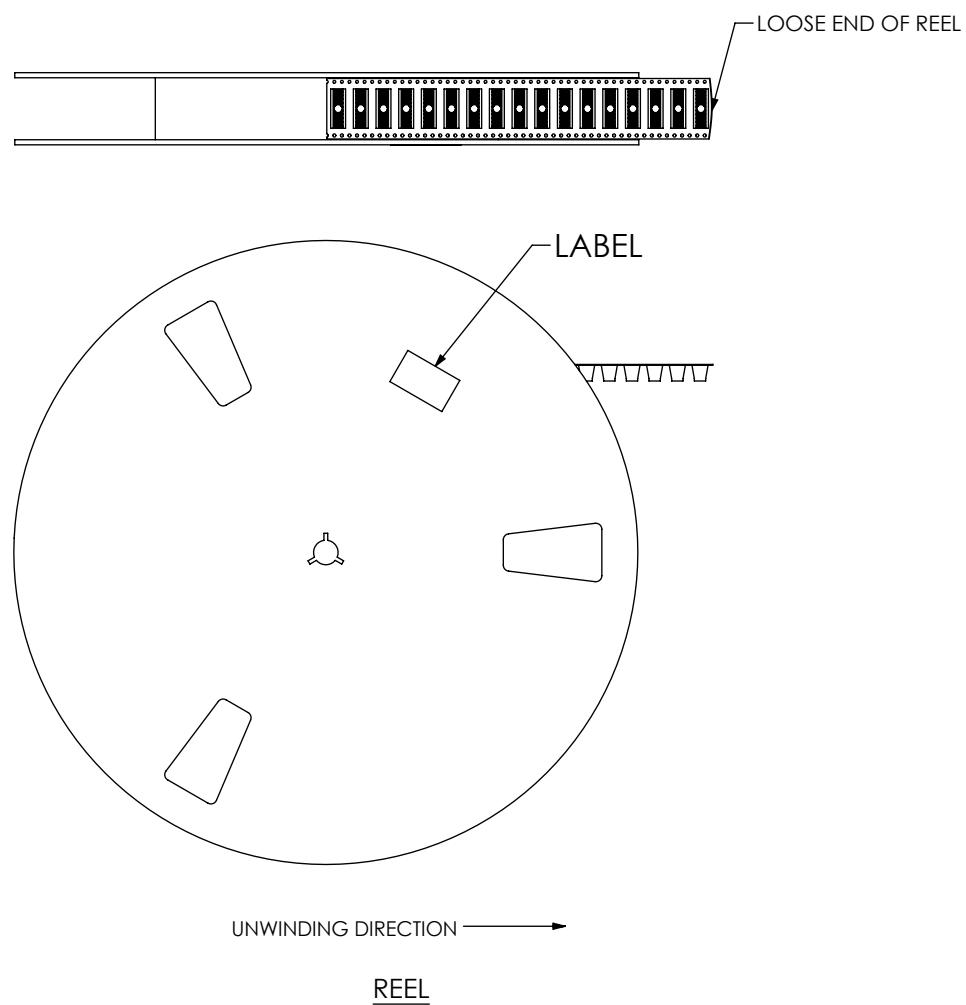


PARTS TO COME OFF REEL AS SHOWN  
WITH POCKETS FACING UP

TAPE & REEL VIEW



TUBE VIEW



REEL

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