

NOTES: [AE]

- ⊕ 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.

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

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) [AE]
-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: VERTICAL

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

PLATING SPECIFICATION

- [AE]
- 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

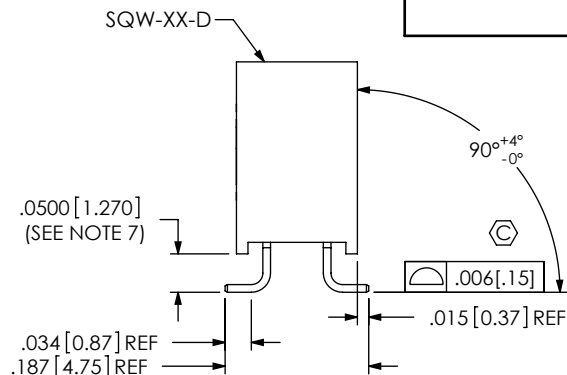
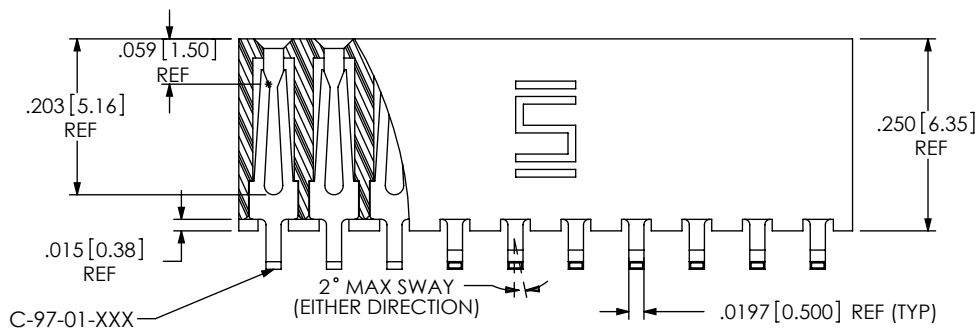
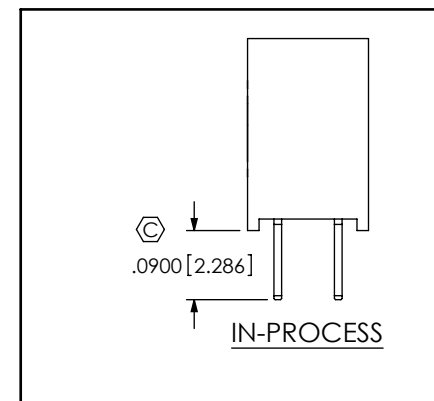
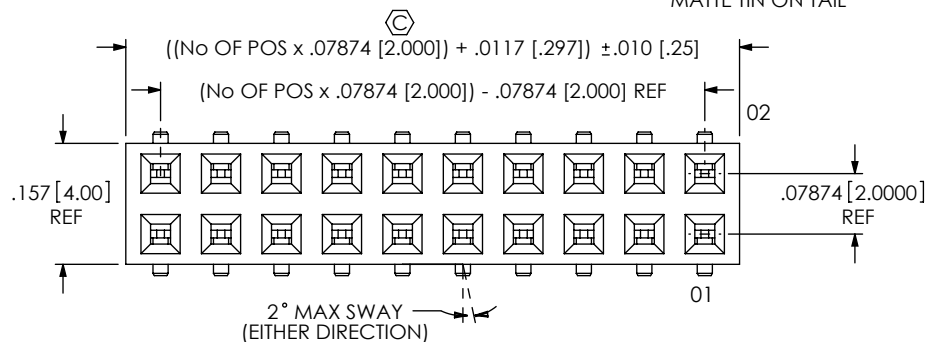


FIG 1
SQW-110-01-XXX-D-VS SHOWN

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

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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

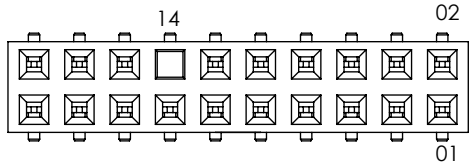


FIG 2
POLARIZATION OPTION LOCATION
INSERT PK-07-N INTO SPECIFIED
POSITION AND BREAK OFF TAB
SQW-110-01-XXX-D-VS-014 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

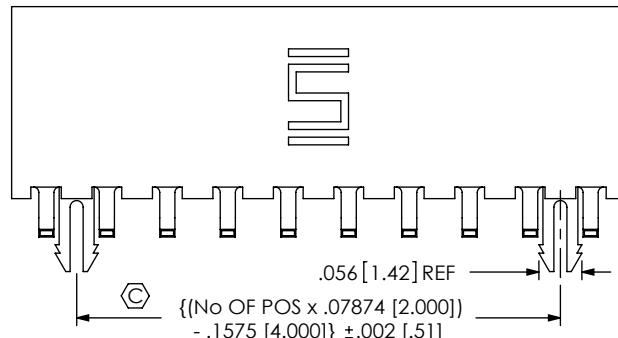


FIG 4
-LC: LOCKING CLIP
(5 POS MIN)
SQW-110-01-XXX-D-VS-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

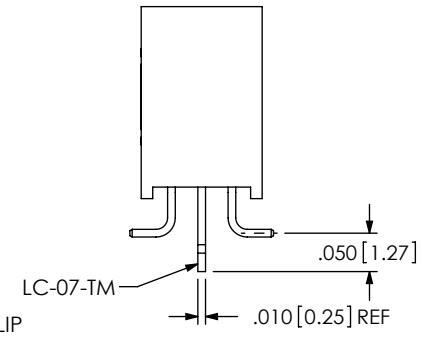


FIG 4
-LC: LOCKING CLIP
(5 POS MIN)
SQW-110-01-XXX-D-VS-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

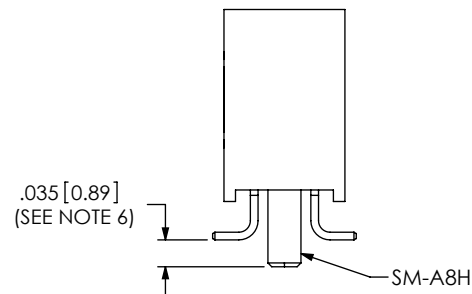


FIG 3
-A: STAKED ALIGNMENT PIN
(5 POS MIN)
SM-A8H
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

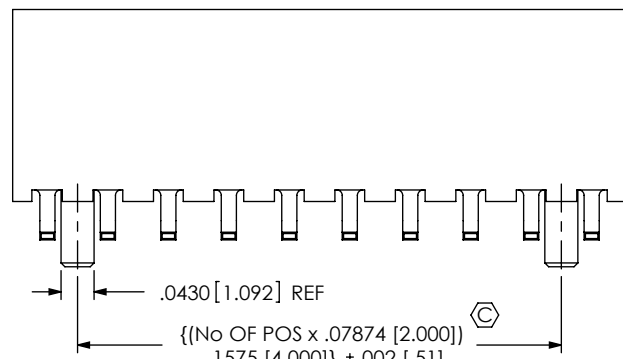


FIG 5
-A: MOLDED ALIGNMENT PIN
(5 POS MIN)
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

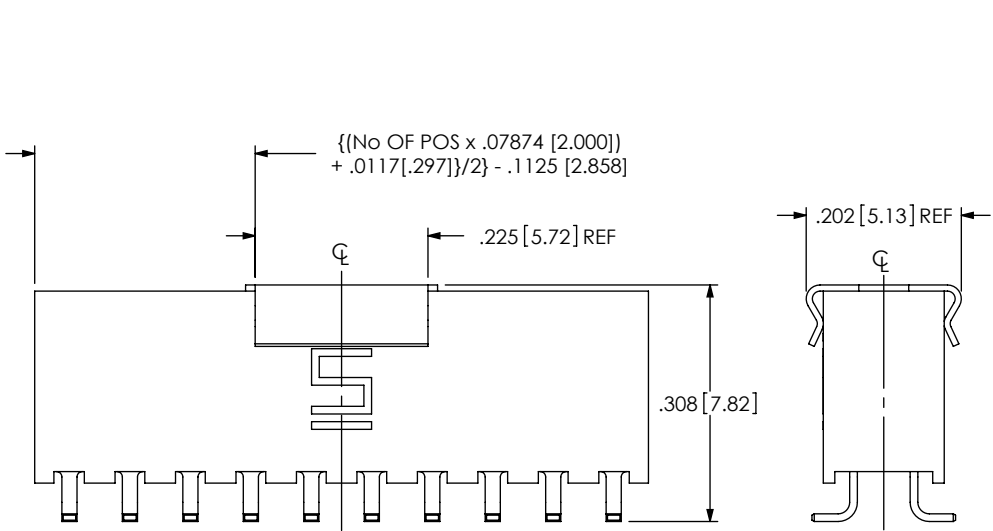


FIG 6
-P: PICK & PLACE PAD
(4 POS MIN)
SQW-110-01-XXX-D-VS-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

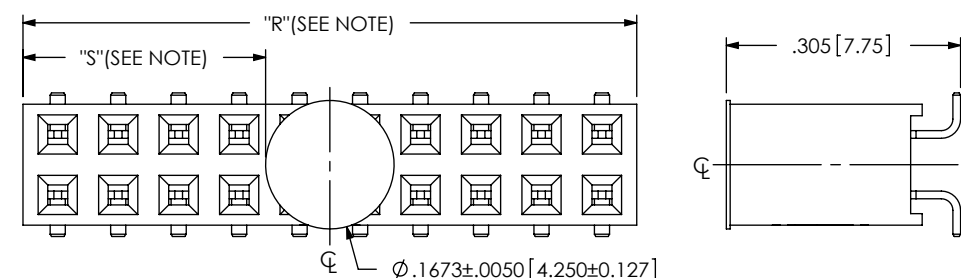


FIG 7
POLYAMIDE FILM PAD
(4 POS MIN)
SQW-110-01-XXX-D-VS-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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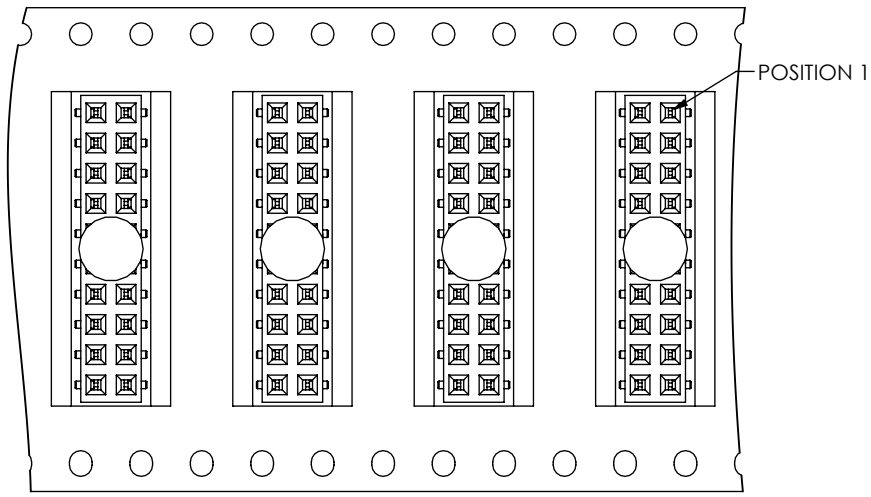
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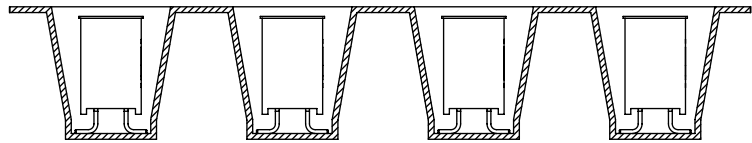
DESCRIPTION:
2MM SOCKETS TRIP ASSEMBLY

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

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

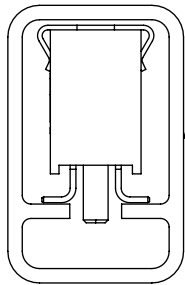


USER DIRECTION OF UNREELING →
POCKET NOT DETAILED



PARTS TO COME OFF REEL AS SHOWN
WITH POCKETS FACING UP

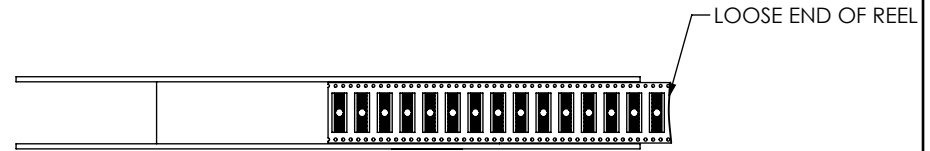
TAPE & REEL VIEW [AE]



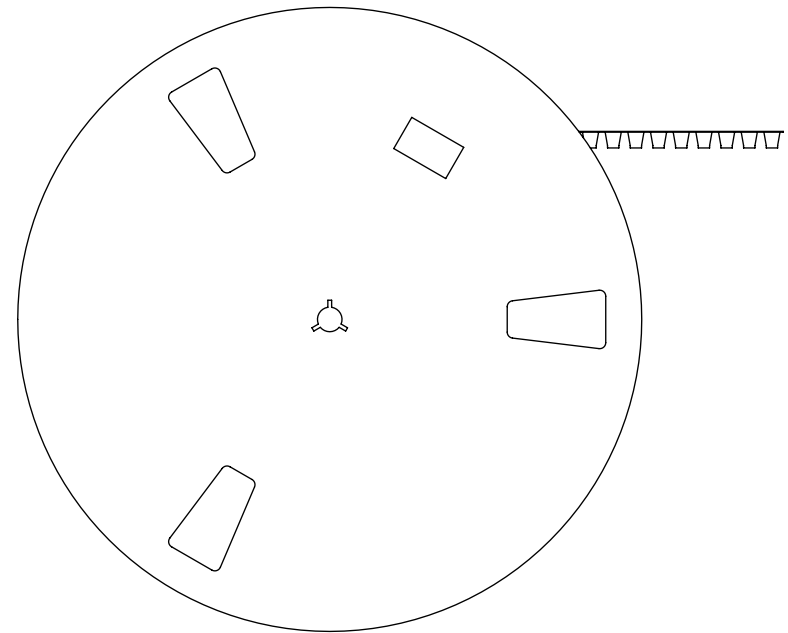
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[AE]

TUBE VIEW



UNWINDING DIRECTION →



UNWINDING DIRECTION →

REEL [AE]

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DESCRIPTION:
2MM SOCKETS TRIP ASSEMBLY

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