

NOTES:

1. $\textcircled{C}$ 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 [.041] IN/IN

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)
-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)

PLATING SPECIFICATION

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

TAIL STYLE
-VS: VERTICAL

ROW SPECIFICATION

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

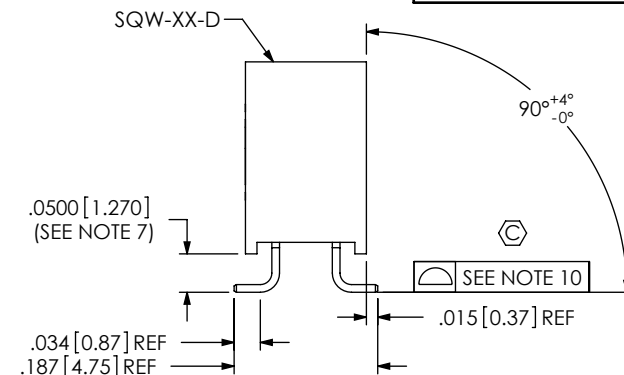
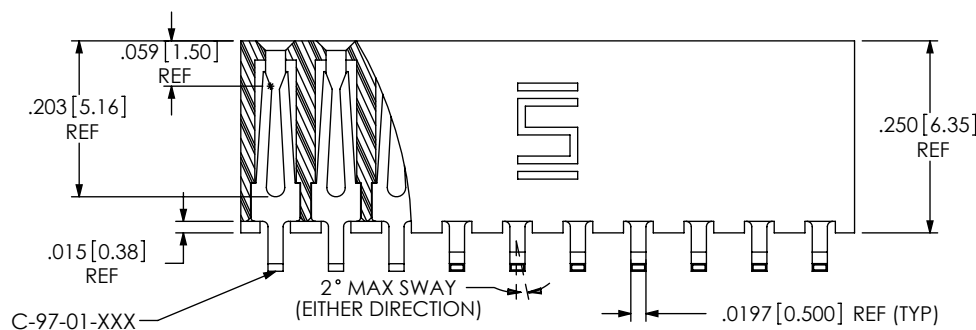
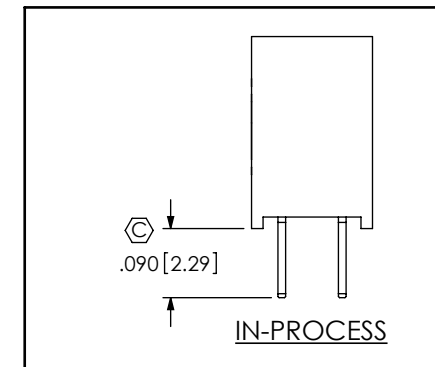
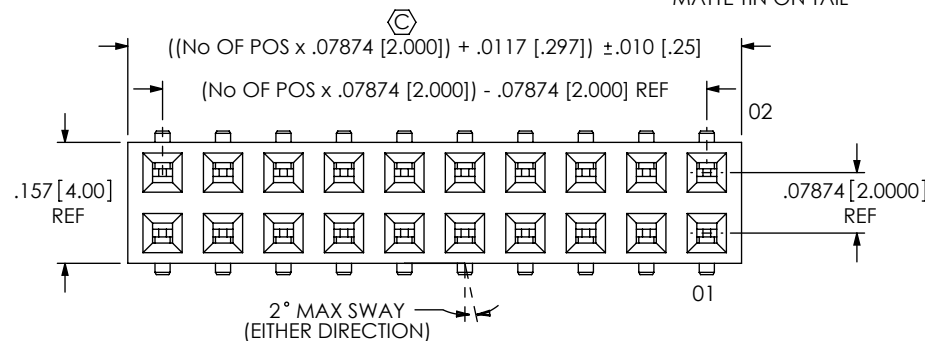


FIG 1
SQW-110-01-XXX-D-VS SHOWN

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01 [.3]$ 2°
.XXX: $\pm .005 [.13]$
.XXXX: $\pm .0020 [.051]$

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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

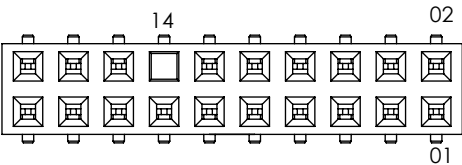


FIG 2
POLARIZATION OPTION LOCATION
INSERT PK-07-N INTO SPECIFIED
POSITION AND BREAK OFF TAB
SQW-110-01-XXX-D-VS-014 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

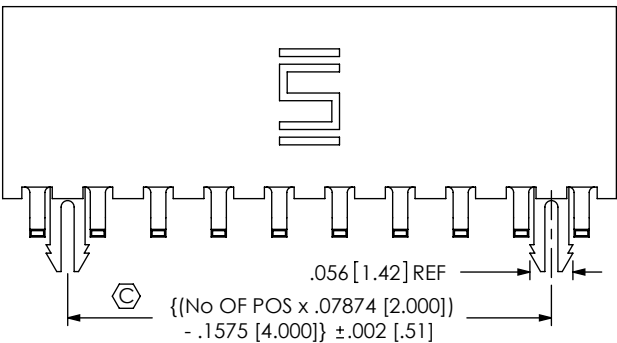


FIG 4
-LC: LOCKING CLIP
(5 POS MIN)
SQW-110-01-XXX-D-VS-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

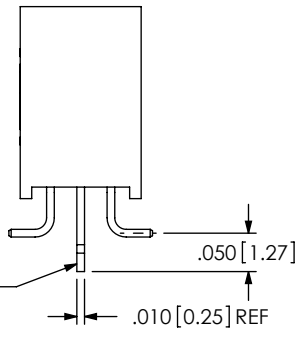


FIG 5
-A: MOLDED ALIGNMENT PIN
(5 POS MIN)
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

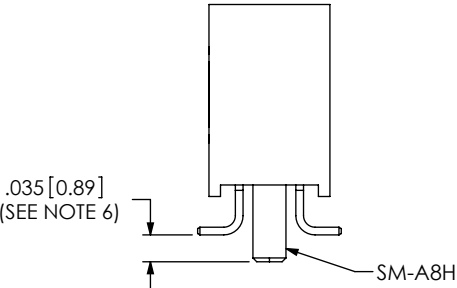


FIG 3
-A: STAKED ALIGNMENT PIN
(5 POS MIN)
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

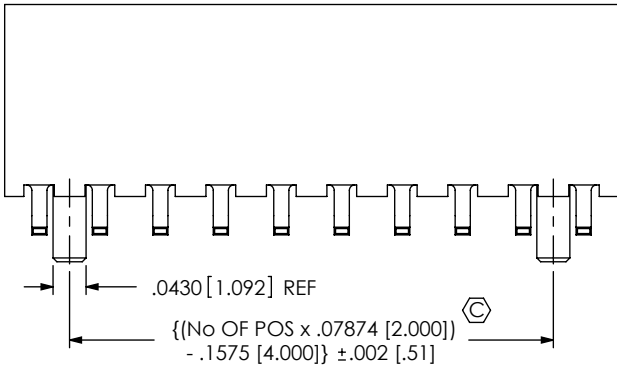


FIG 6
-P: PICK & PLACE PAD
(4 POS MIN)
SQW-110-01-XXX-D-VS-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

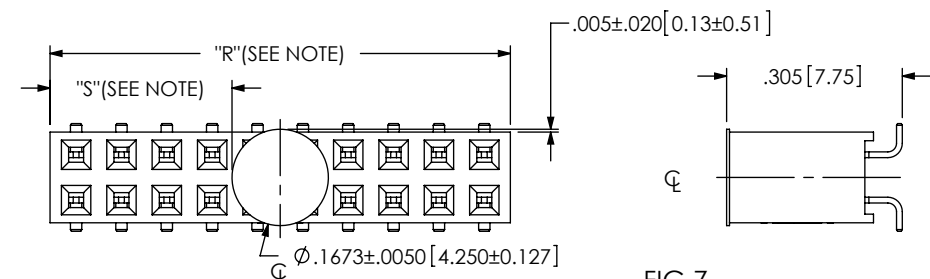
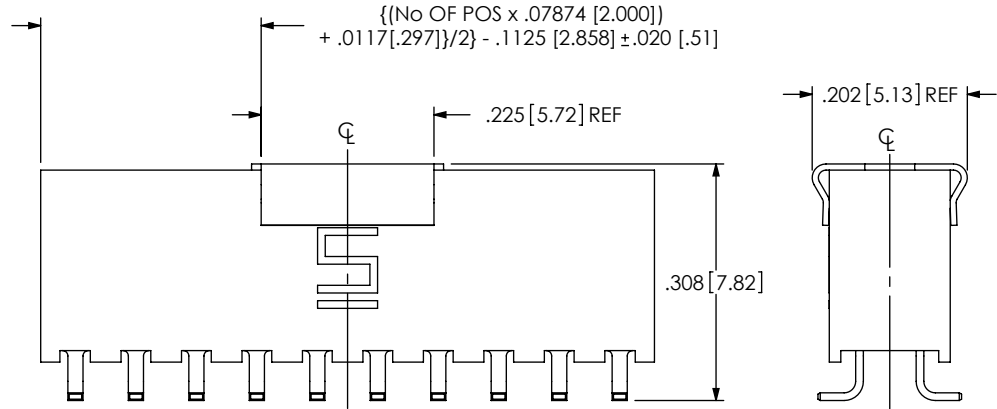


FIG 7
POLYAMIDE FILM PAD
(4 POS MIN)
SQW-110-01-XXX-D-VS-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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

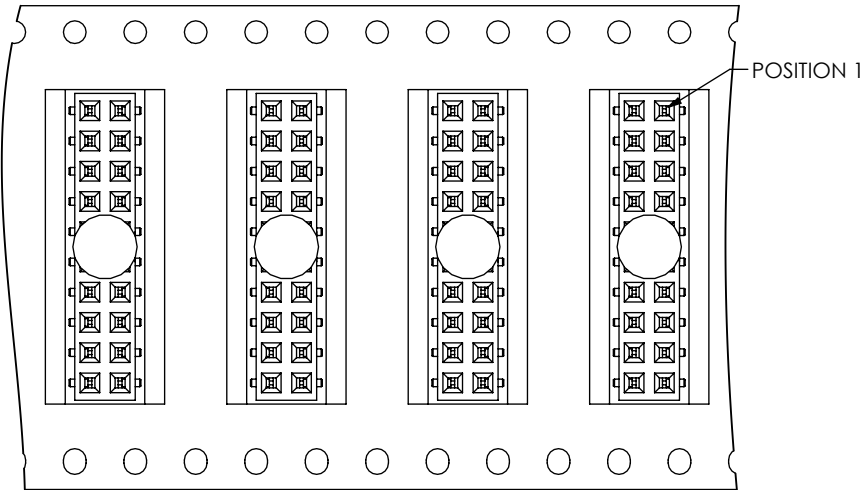
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SHEET SCALE: 4:1

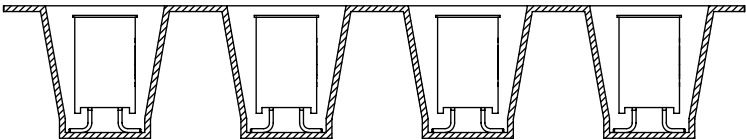
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DESCRIPTION:
2MM SOCKETS TRIP ASSEMBLY
DWG. NO.
SQW-1XX-01-XXX-D-VS-XX-XXX
BY: DEAN P 04/22/1997 SHEET 2 OF 3

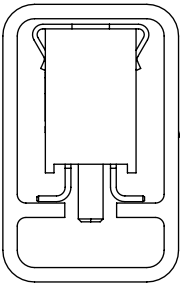


USER DIRECTION OF UNREELING →
POCKET NOT DETAILED



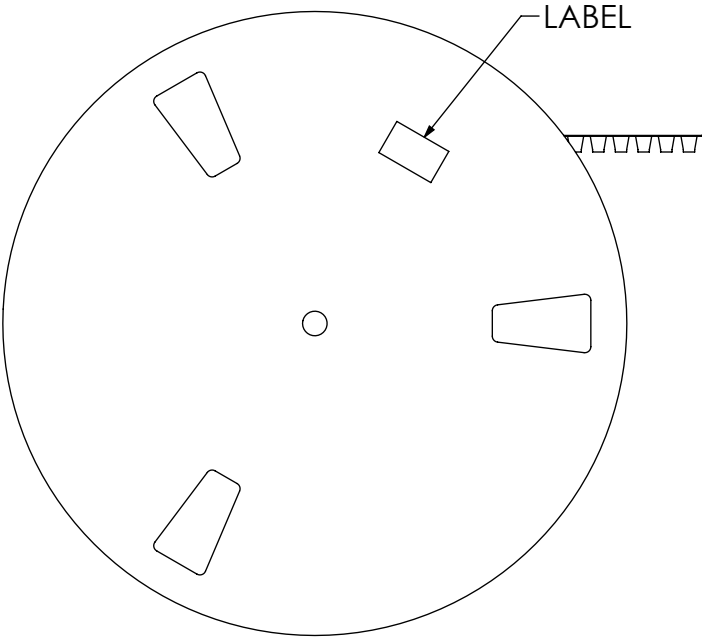
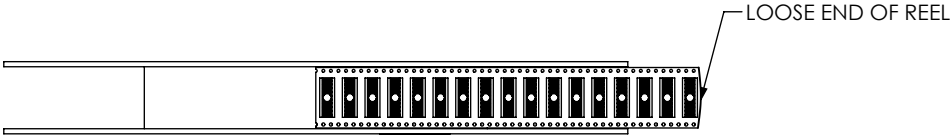
PARTS TO COME OFF REEL AS SHOWN
WITH POCKETS FACING UP

TAPE & REEL VIEW



PT-1-24-03-09
TP-09

TUBE VIEW



UNWINDING DIRECTION →

REEL

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