

NOTES: AE

DO NOT
SCALE FROM
THIS PRINT

- 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.

AE

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: VERTICAL

ROW SPECIFICATION

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

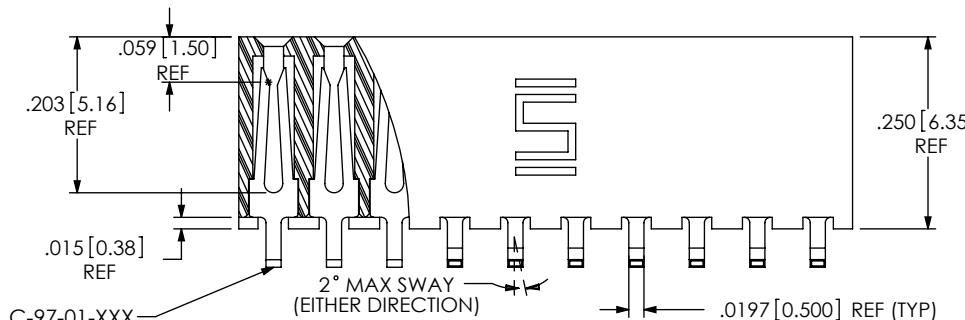
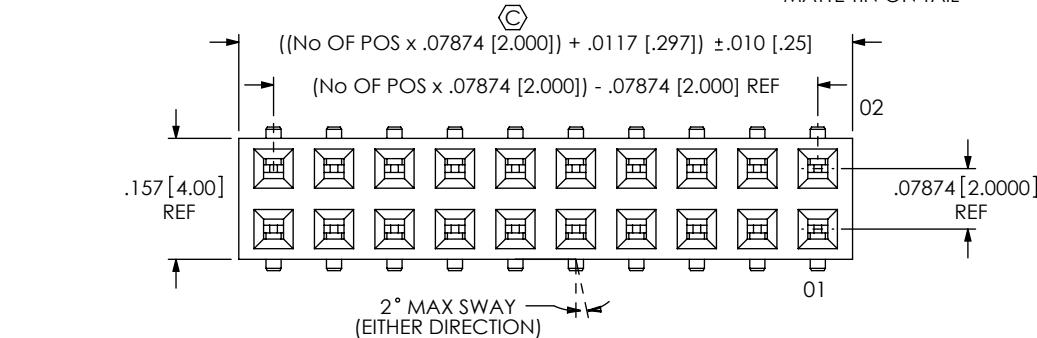
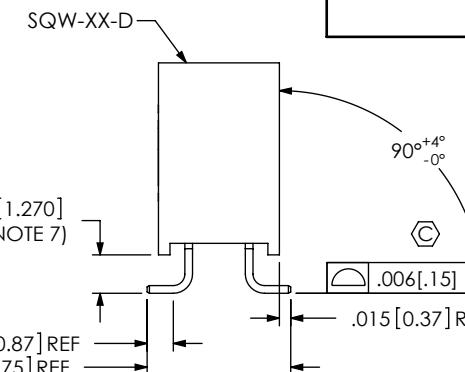


FIG 1
SQW-110-01-XXX-D-VS SHOWN



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

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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
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 1 OF 3

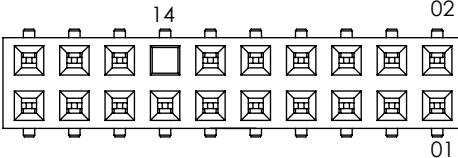


FIG 2
Polarization option location
Insert PK-07-N into specified
position and break off tab
SQW-110-01-XXX-D-VS-014 shown
(different as shown, otherwise same as FIG 1)

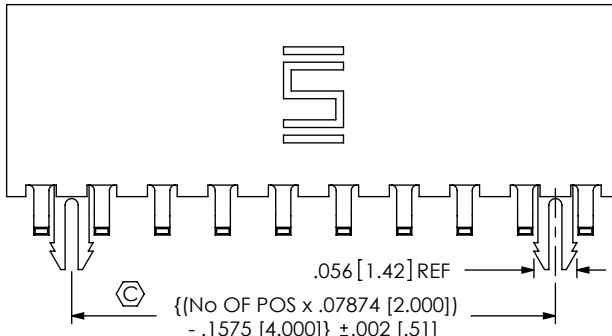


FIG 4
-LC: Locking clip
(5 pos min)
SQW-110-01-XXX-D-VS-LC shown
(different as shown, otherwise same as FIG 1)

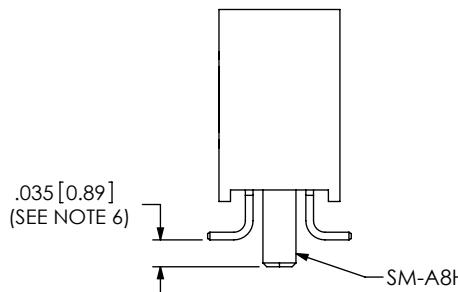


FIG 3
-A: Staked alignment pin
(5 pos min)
SQW-110-01-XXX-D-VS-A shown
(different as shown, otherwise same as FIG 1)

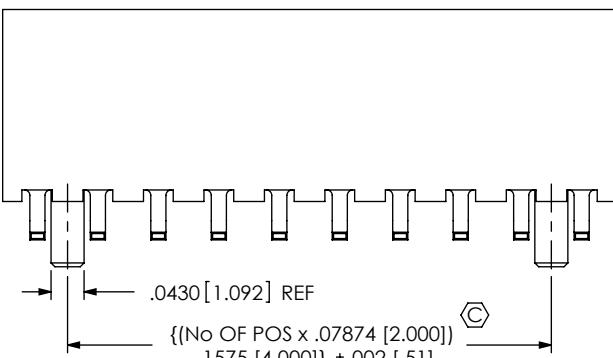


FIG 5
-A: Molded alignment pin
(5 pos min)
SQW-110-01-XXX-D-VS-A shown
(different as shown, otherwise same as FIG 1)

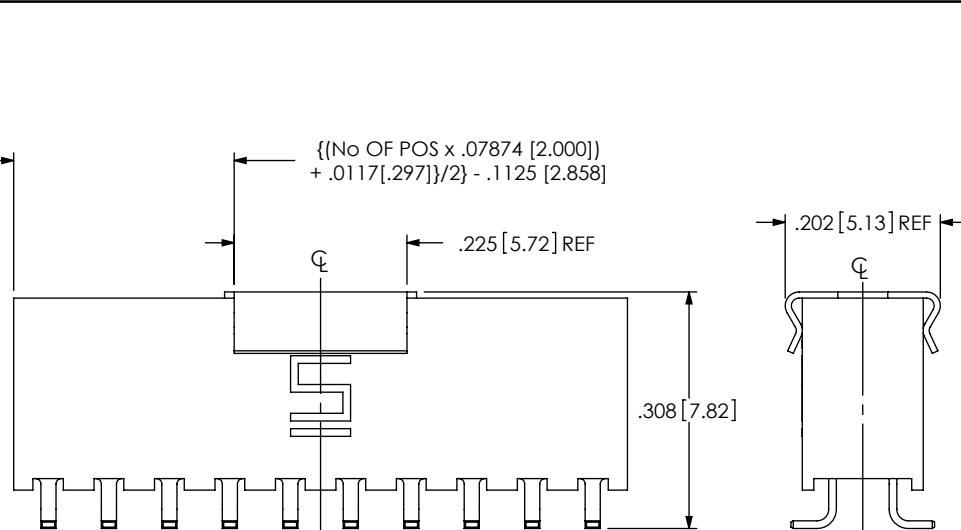


FIG 6
-P: Pick & place pad
(4 pos min)
SQW-110-01-XXX-D-VS-P shown
(different as shown, otherwise same as FIG 1)

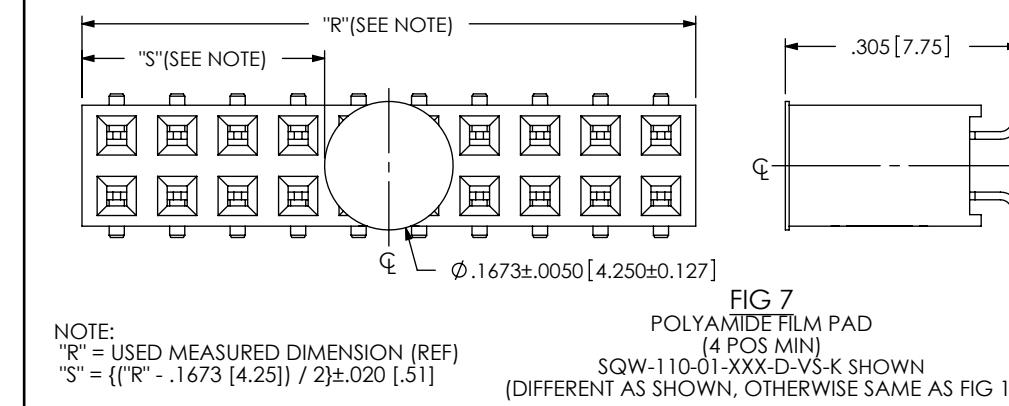


FIG 7
Polyamide film pad
(4 pos min)
SQW-110-01-XXX-D-VS-K shown
(different as shown, otherwise same as FIG 1)

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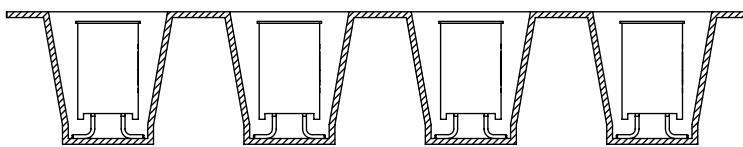
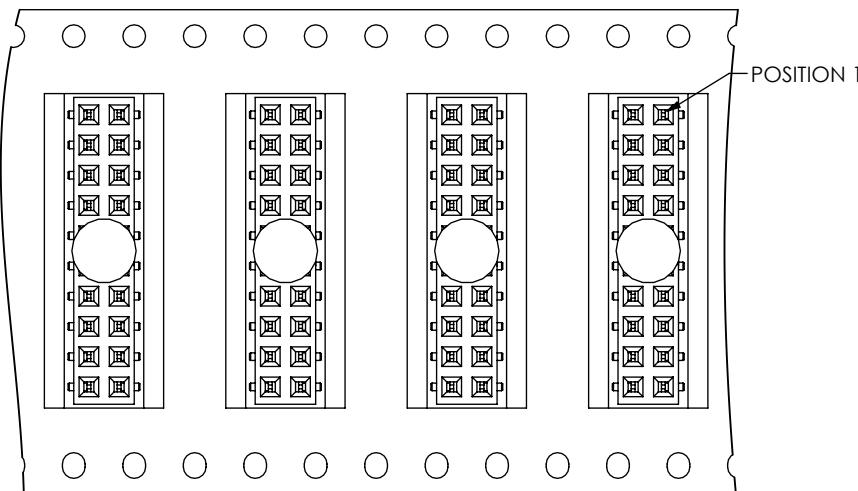
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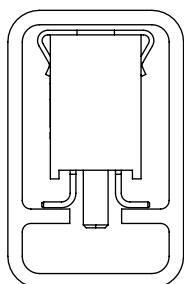
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PARTS TO COME OFF REEL AS SHOWN
WITH POCKETS FACING UP

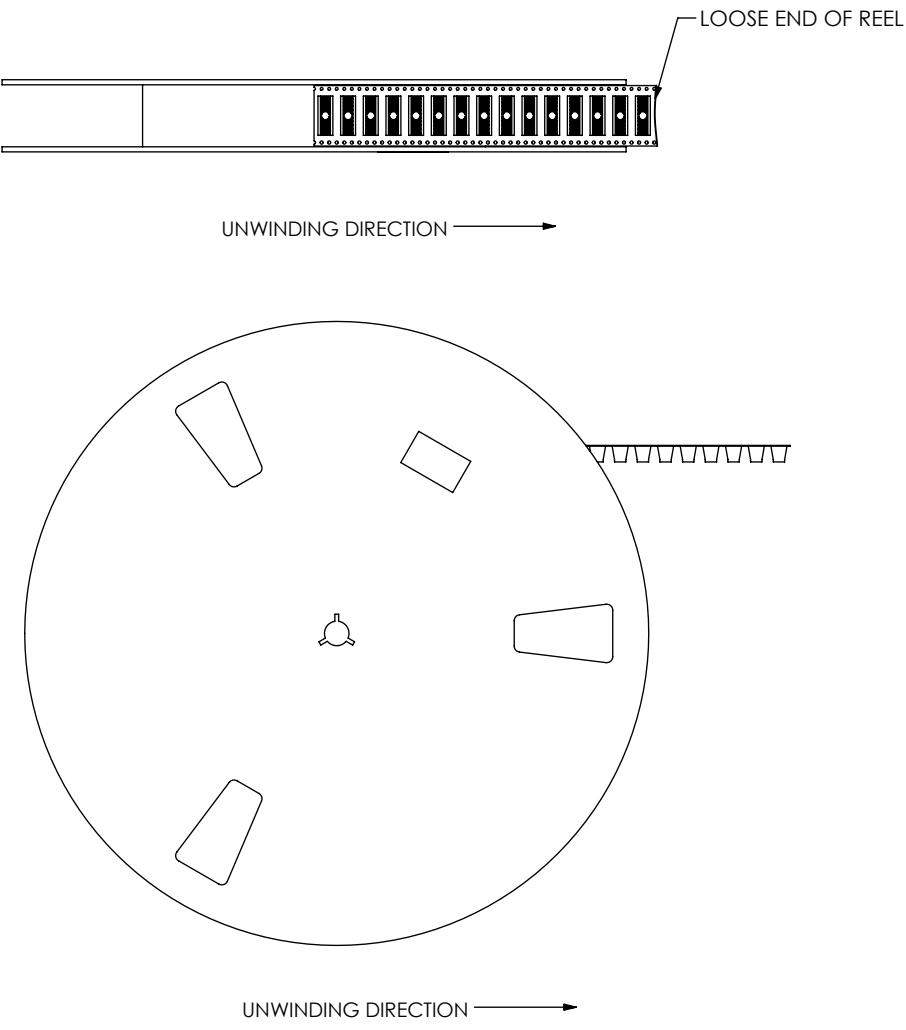
TAPE & REEL VIEW

[AE]



[AE]

TUBE VIEW



UNWINDING DIRECTION →

REEL

[AE]

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