

DO NOT
SCALE FROM
THIS PRINT

1. Ⓢ 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. NOTE DELETED.
11. TUBES ARE STANDARD PACKAGING.
12. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
13. ATTACH LABEL TO EACH REEL.

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

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

ROW SPECIFICATION

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

PACKAGING

BLANK: TUBES (SEE NOTES 11)
-TR: TAPE & REEL (SEE NOTES 12 & 13)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 12 & 13)
(-TR & -FR AVAILABLE FOR POS 4 THRU 28)

POLARIZATION OPTION

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

PICK & PLACE OPTION

-P: PICK & PLACE PAD (4 POS MIN)
(USE LMP-03, SEE FIG 6, SHT 2)
-K: POLYAMIDE FILM PAD (4 POS MIN)
(USE K-DOT-.167-.281-.005, SEE FIG 7, 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)

TAIL STYLE

-VS: VERTICAL

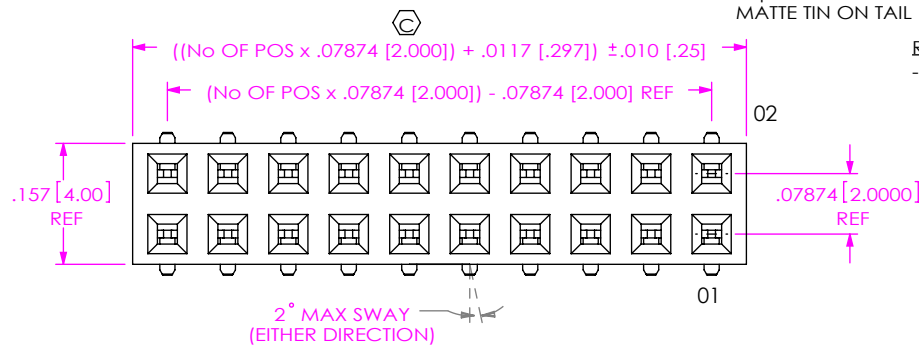


TABLE 1	
No OF POS	COPLANARITY
-02 THRU -10	.004[0.10]
-11 THRU -50	.006[0.15]

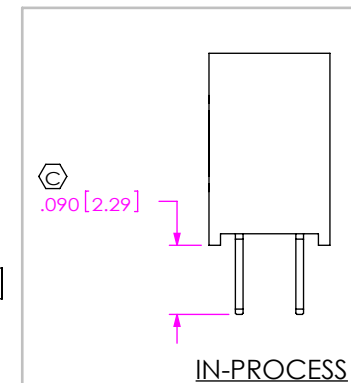
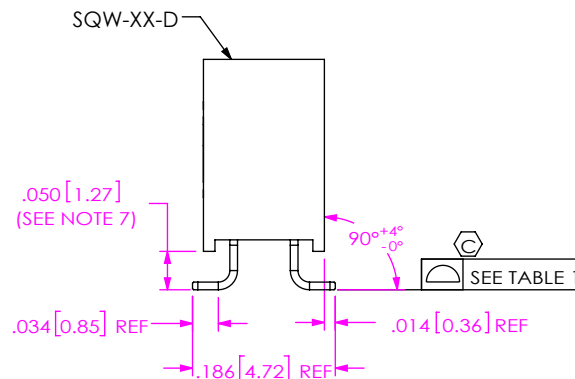
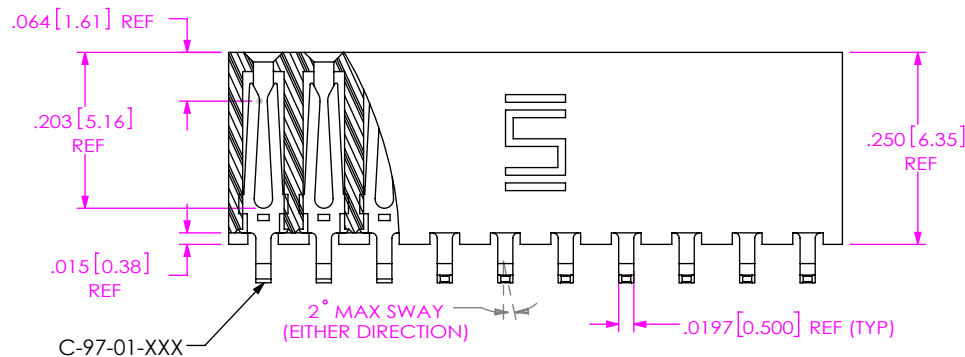


FIG 1
SQW-110-01-XXX-D-VS SHOWN

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

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

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

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-X-XXX-XX

BY: DEAN P

04/22/1997

SHEET 1 OF 3

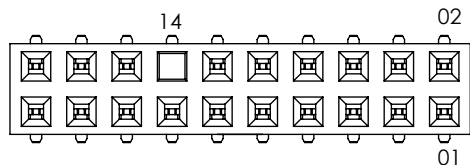


FIG 2
POLARIZATION OPTION LOCATION
INSERT PK-07-N INTO SPECIFIED
POSITION AND BREAK OFF TAB
SQW-110-01-XXX-D-VS-014 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

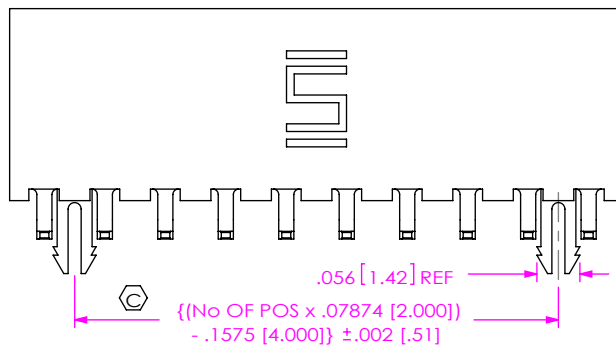


FIG 4
-LC: LOCKING CLIP
(5 POS MIN)
SQW-110-01-XXX-D-VS-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

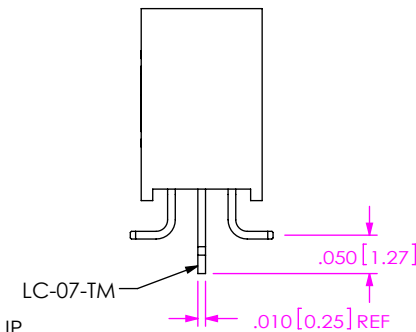


FIG 5
-A: MOLDED ALIGNMENT PIN
(5 POS MIN)
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

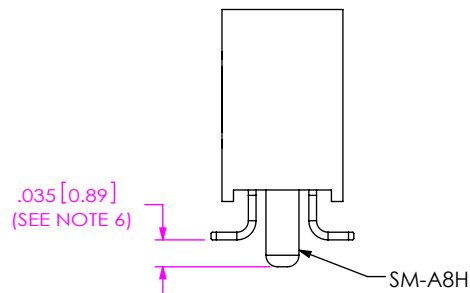


FIG 3
-A: STAKED ALIGNMENT PIN
(5 POS MIN)
SQW-110-01-XXX-D-VS-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

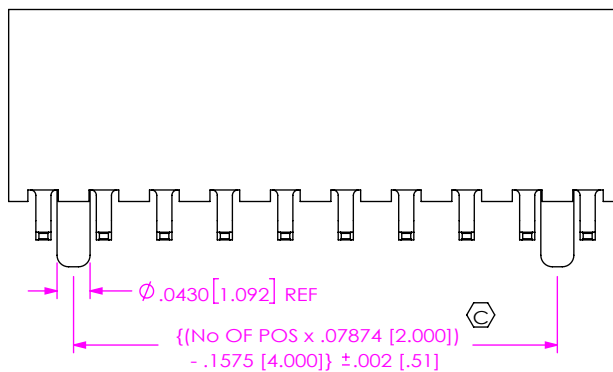
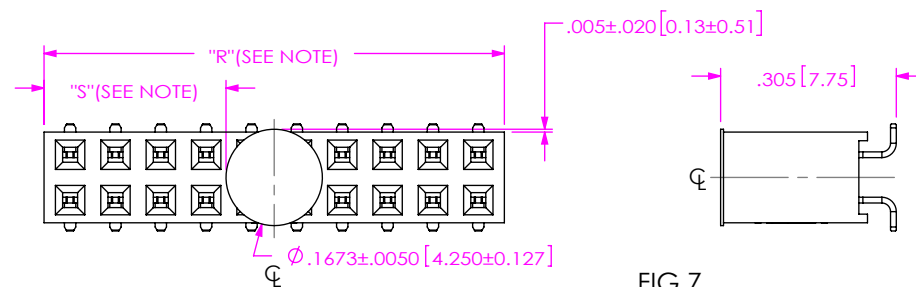
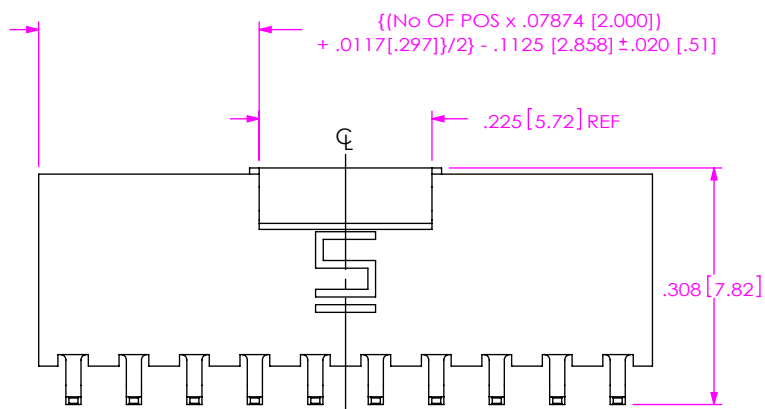


FIG 6
-P: PICK & PLACE PAD
(4 POS MIN)
SQW-110-01-XXX-D-VS-P SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND
PROPRIETARY INFORMATION AND ALL DESIGN,
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 4:1

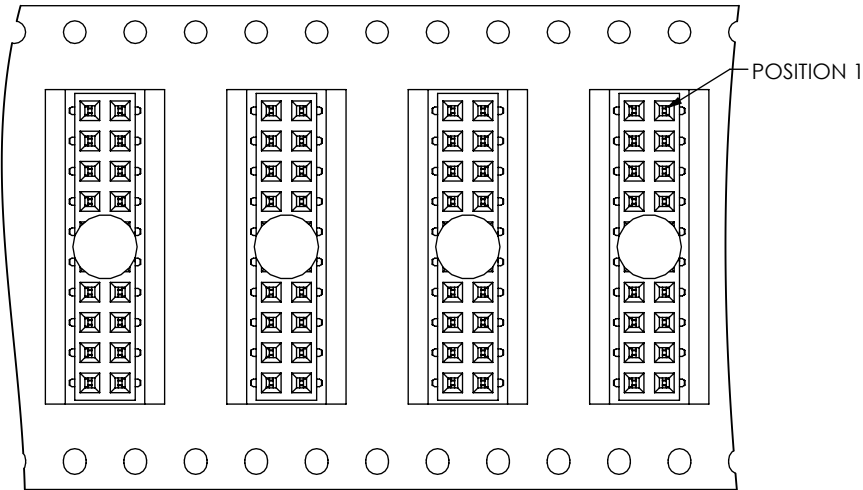
samtec

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

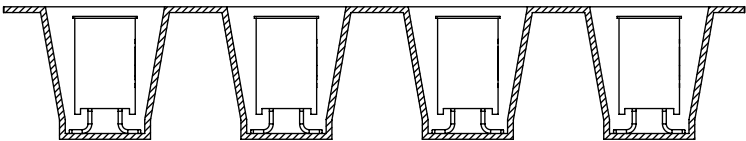
DESCRIPTION:
2MM SOCKETS TRIP ASSEMBLY

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

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

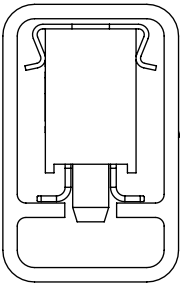


USER DIRECTION OF UNREELING →
POCKET NOT DETAILED



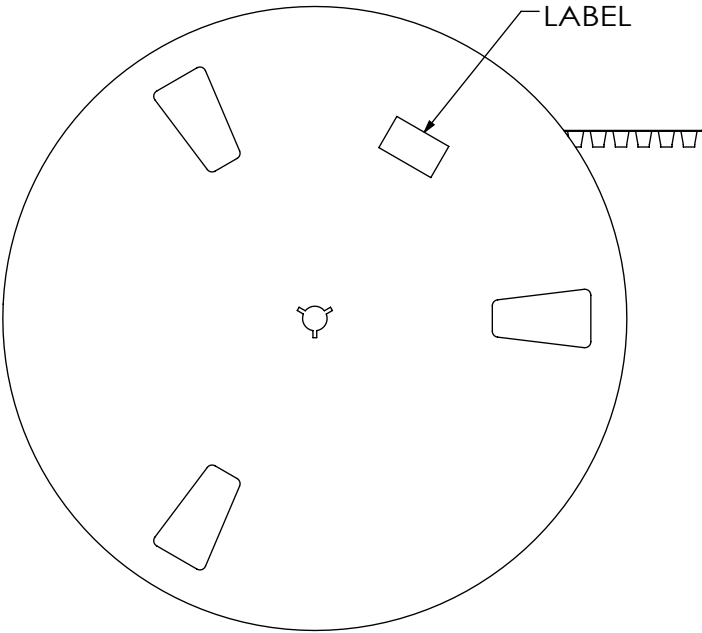
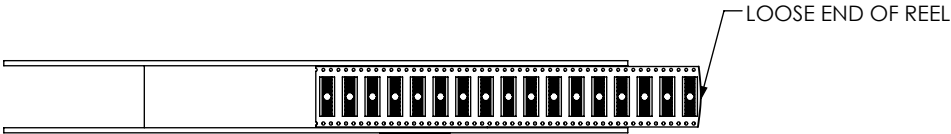
PARTS TO COME OFF REEL AS SHOWN
WITH POCKETS FACING UP

TAPE & REEL VIEW



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

TUBE VIEW



UNWINDING DIRECTION →

REEL

• **PROPRIETARY NOTE** •
THIS DOCUMENT CONTAINS CONFIDENTIAL AND
PROPRIETARY INFORMATION AND ALL DESIGN,
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

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-X-XXX-XX

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