

TABLE 1

CONTACT SPECIFICATION

-XX	-S, -D, -T	-S-RA	-D-RA	-T-RA
-01	C-15-1-X	N/A	N/A	N/A
-02	C-15-2-X	C-15-2-X	C-15-2-X	C-15-2-X
			C-15-3-X	C-15-3-X
-03	C-15-3-X	C-15-3-X	C-15-3-X	N/A
			C-15-4-X	N/A
-04	C-15-4-X	C-15-4-X	N/A	N/A
-21	C-60-1-X	N/A	N/A	N/A
-22	C-60-2-X	C-60-2-X	C-60-2-X	C-60-2-X
			C-60-3-X	C-60-3-X
-23	C-60-3-X	C-60-3-X	C-60-3-X	N/A
			C-60-4-X	N/A
-24	C-60-4-X	C-60-4-X	N/A	N/A

DO NOT
SCALE FROM
THIS PRINT

SSQ-1XX-XX-XXX-X-XX-XXX-XX-XX

No OF POSITIONS
-01 THRU -50
(PER ROW)

LEAD STYLE

(SEE TABLE 1)

-01 THRU -04: STANDARD INSERTION FORCE
-21 THRU -24: LOW INSERTION FORCE

PLATING SPECIFICATION

-G: 20μ" GOLD IN CONTACT AREA,
3μ" SELECTIVE GOLD ON TAIL
-T: MATTE TIN ON ENTIRE PIN
(NOT AVAILABLE FOR -21 THROUGH -24 LEAD STYLES)
-S: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-H: 30μ" GOLD IN CONTACT AREA,
3μ" SELECTIVE GOLD ON TAIL
-F: 3μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-TL: TIN/LEAD (90/10±5%) ON ENTIRE PIN
(AVAILABLE ONLY ON LEAD STYLE -01)
-TM: MATTE TIN ON ENTIRE PIN
(NOT AVAILABLE FOR -21 THROUGH -24 LEAD STYLES)
-SM: 30μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-FM: 3μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-L: 10μ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-STL: 30μ" SELECTIVE GOLD IN CONTACT AREA,
TIN/LEAD (90/10±5%) ON TAIL
(AVAILABLE ONLY ON LEAD STYLE -01)

OPTION

** -MW: METAL WASHER (SEE FIG 7, SHT 3)
(N/A WITH -LL OR -RA)
(N/A WITH -T)
(AVAILABLE ON -01, -02, -21, & -22 STYLES ONLY)
(AVAILABLE ON POS -02 THRU -30 ONLY)

OPTION

-LL: LOCKING LEAD (SEE FIG 6, SHT 2)
(N/A WITH SINGLE ROW, 1 OR 2 POS)

POLARIZATION OPTION

INDICATE POS (SEE FIG 8, SHT 3)

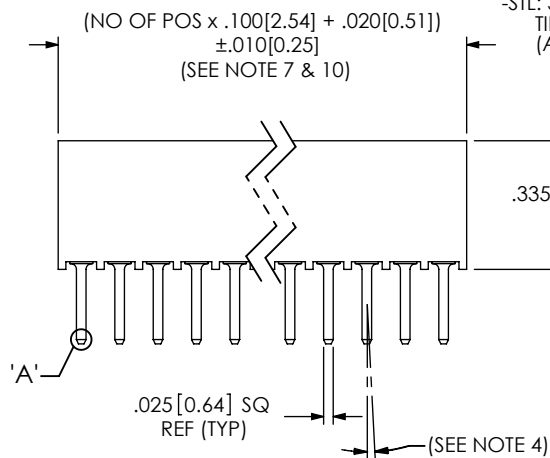
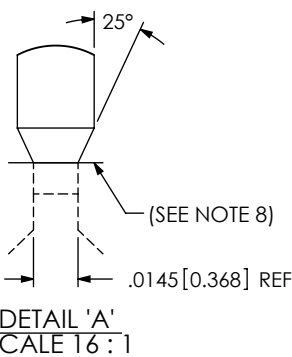
OPTION

-RA: RIGHT ANGLE (SEE FIG 2, SHT 2)
(N/A ON LEAD STYLE -01)

ROW SPECIFICATION

-S: SINGLE, USE SSW-XX-S
-D: DOUBLE, USE SSW-XX-D
-T: TRIPLE, USE SSW-XX-T
-Q: TRIPLE (SEE FIG 4, SHT 2) USE SSW-XX-T
(-T WITH ONLY 2 OUTER ROWS FILLED)
-P: POLARIZED,
USE SSW-XX-P (SEE FIG 5, SHT 2)

** - MW OPTION, DO NOT DESIGN IN.
SAMTEC WILL ONLY SUPPORT EXISTING
BUSINESS AS OF 02/12/2002

FIG 1
SSQ-1XX-XX-X SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1.5 LB.
3. MAXIMUM ALLOWABLE BOW: .003[.08] INCH/INCH.
4. MAXIMUM ALLOWABLE SWAY: HAND FILL 4° (TYP).
MACHINE FILL 1° (TYP).
5. MAXIMUM VARIATION BETWEEN PIN ROWS: .010[0.25].
6. END WALLS AFTER CUTTING SHOULD BE .020 ± .003 [0.51 ± .08]
7. MAXIMUM CUT FLASH: .010[0.25].
8. SHEAR LOCATION TO BE WITHIN .001[0.03] OF THE
BREAK OFF CENTER LOCATION FOR MACHINE FILL.
9. NOTCH ON -P-RA OPTION TO BE ORIENTED AS SHOWN.
10. NO FLASH IS ALLOWED BELOW LEADS OR IN HOLES OF BODY.
11. +.000[0.00]/-.005[0.13] FOR MACHINE FILL ONLY, SSQ-1XX-XX-X-S,
SSQ-1XX-XX-X-D, SSQ-1XX-XX-X-T (IN-PROCESS), SSQ-1XX-XX-X-S-RA.

F:\DWG\MISC\MKTG\SSQ-1XX-XX-XXX-X-XX-XXX-XX-X-MKT.SLDDRW

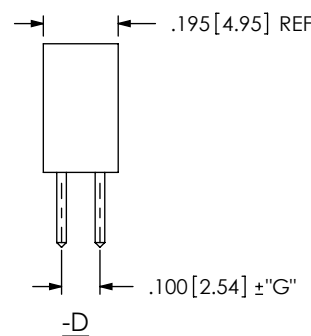


TABLE 2					
CONTACT	"B"	"G"	"C" REF		
	-S(-RA), -D, -T	-D, -T	-S-RA	-D-RA	-T-RA
-01, -21	0.104 [2.64]	.005 [13]	N/A	N/A	N/A
-02, -22	0.194 [4.93]	.005 [13]	0.100 [2.54]	0.100 [2.54]	0.100 [2.54]
-03, -23	0.394 [10.01]	+0.010/-0.012 [+25/-31]	0.300 [7.62]	0.300 [7.62]	N/A
-04, -24	0.584 [14.83]	+0.010/-0.012 [+25/-31]	0.490 [12.45]	N/A	N/A

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 INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE

SHEET SCALE: 2:1

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:
ASSEMBLY, SOCKET STRIP .025[0.64] SQ TAIL

DWG. NO.

SSQ-1XX-XX-XXX-X-XX-XXX-XX-X

BY: PURVIS 06/12/1987 SHEET 1 OF 3

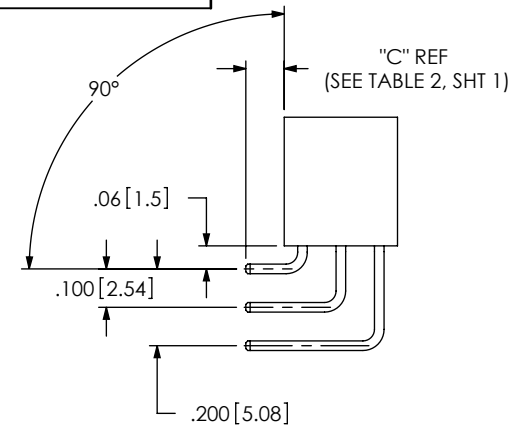


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)
SSQ-1XX-X-S-RA
SSQ-1XX-X-D-RA
SSQ-1XX-X-T-RA
SSQ-1XX-X-P-RA

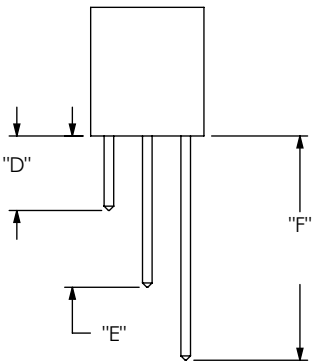


FIG 3
IN PROCESS RIGHT ANGLE

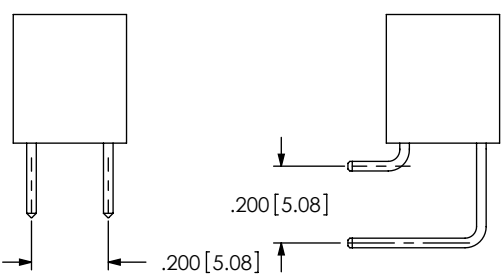


FIG 4
SSQ-1XX-XXX-X-Q-RA SHOWN
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1, FIG 2)

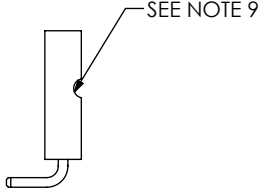
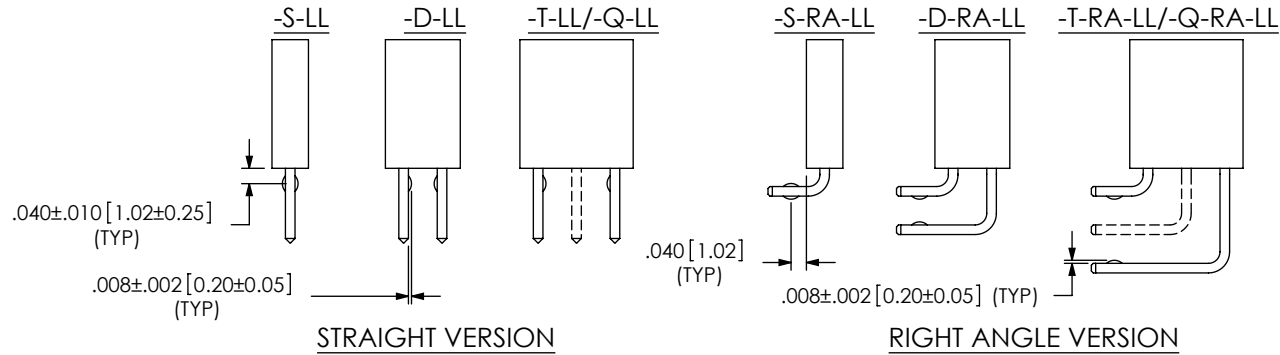


FIG 5
SSQ-1XX-XXX-X-RA-P SHOWN
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 2)



STRAIGHT VERSION

RIGHT ANGLE VERSION

TABLE 3			
IN PROCESS	"D"	"E"	"F"
SSQ-1XX-02-X-D-RA	0.194 [4.93]	0.394 [10.01]	N/A
SSQ-1XX-03-X-D-RA	0.394 [10.01]	0.594 [15.09]	N/A
SSQ-1XX-02-X-T-RA	0.194 [4.93]	0.394 [10.01]	0.594 [15.09]

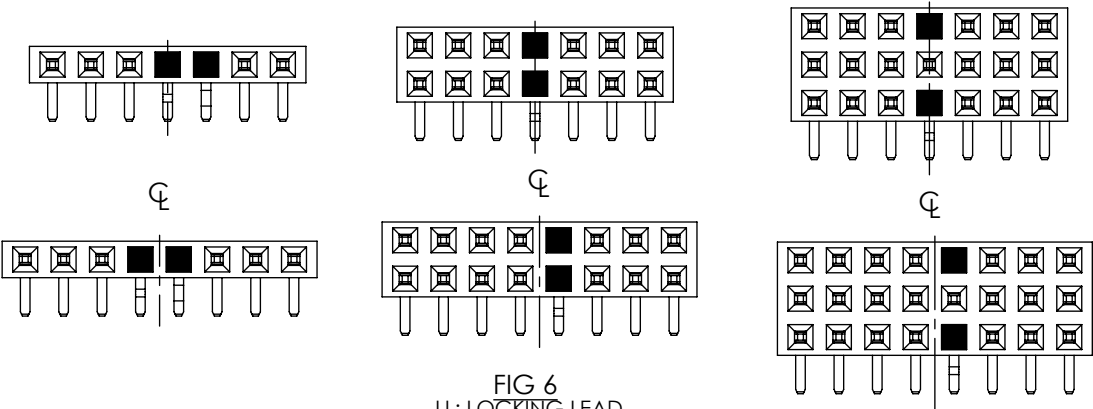


FIG 6
-LL: LOCKING LEAD
■ CRIMP LOCATION
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC, INC. AND SHALL NOT BE REPRODUCED
OR TRANSFERRED TO OTHER DOCUMENTS OR
DISCLOSED TO OTHERS OR USED FOR ANY
PURPOSE OTHER THAN THAT WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED WRITTEN
CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

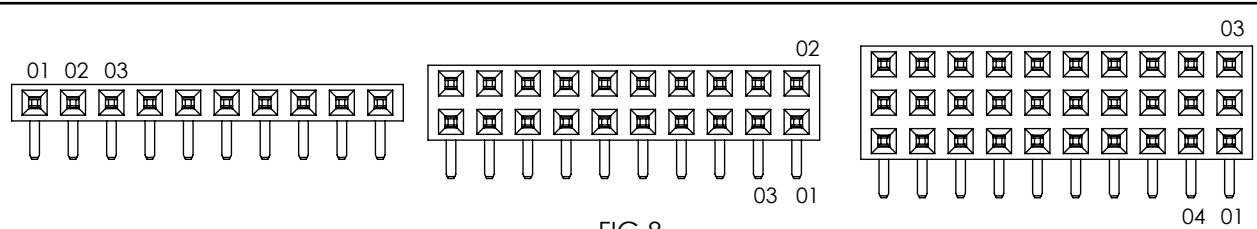
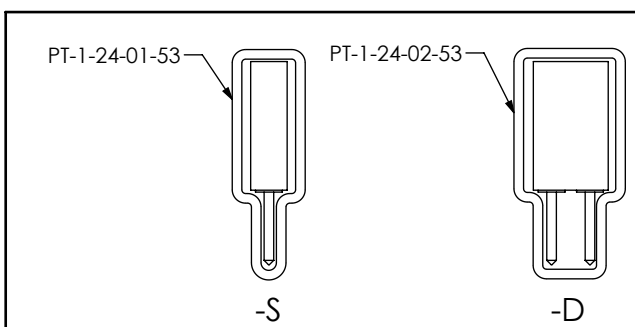
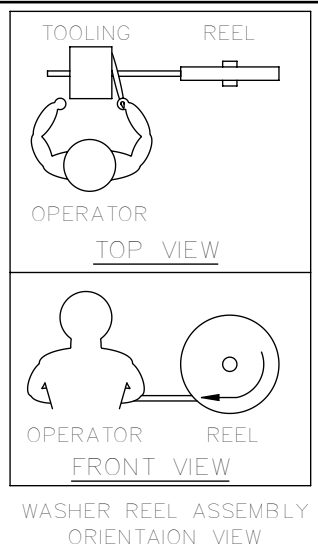
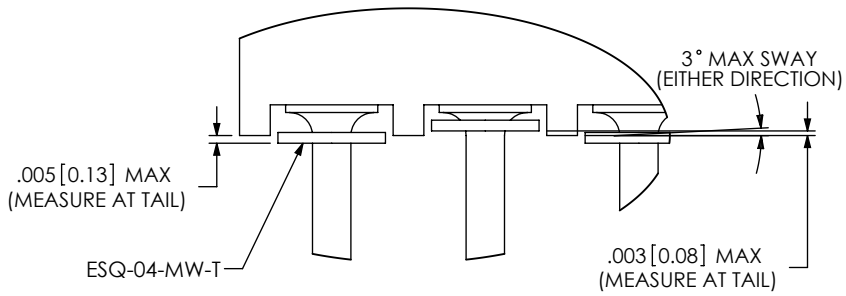
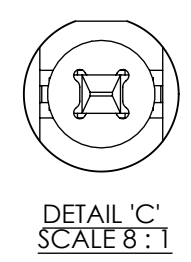
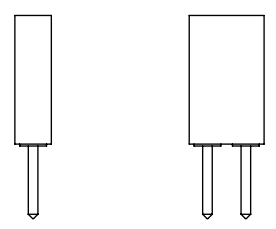
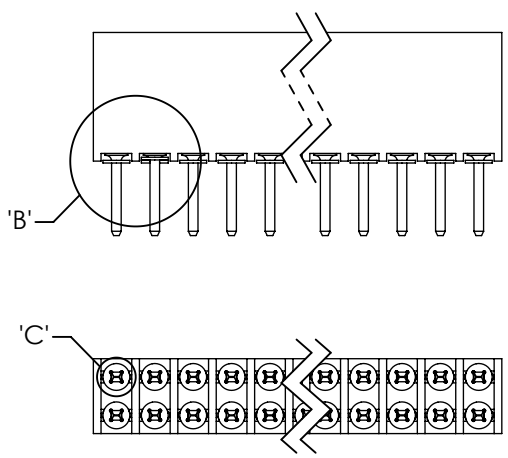


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
ASSEMBLY, SOCKET STRIP .025[0.64] SQ TAIL

DWG. NO.
SSQ-1XX-XX-XXX-X-XX-XXX-XX-X

BY: PURVIS 06/12/1987 SHEET 2 OF 3



PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.		 520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322
DO NOT SCALE DRAWING		
SHEET SCALE: 2:1		
DESCRIPTION: ASSEMBLY, SOCKET STRIP .025[0.64] SQ TAIL		
DWG. NO. SSQ-1XX-XX-XXX-X-XX-XXX-XX-X		
BY: PURVIS	06/12/1987	SHEET 3 OF 3