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DO NOT SCALE FROM THIS PRINT

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
				C-15-4-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
				C-60-4-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

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)

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)

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

POLARIZATION OPTION
INDICATE POS (SEE FIG 8, SHT 3)

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

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)

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

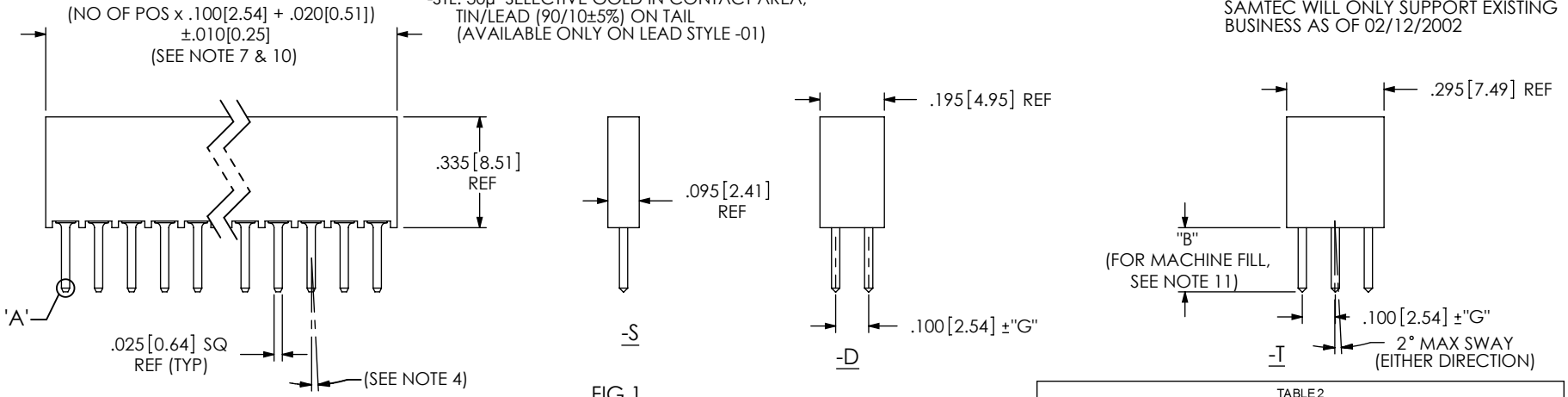
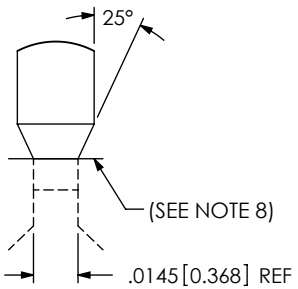


FIG 1
SSQ-1XX-XX-X SHOWN

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]	+.010/-.012 [+.25/-.31]	0.300	[7.62]	0.300	[7.62]	N/A		
-04, -24	0.584	[14.83]	+.010/-.012 [+.25/-.31]	0.490	[12.45]	N/A		N/A		



DETAIL 'A'
SCALE 16 : 1

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.

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

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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: 2:1
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
CONTACT: PHOS BRONZE

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

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

REVISION BD

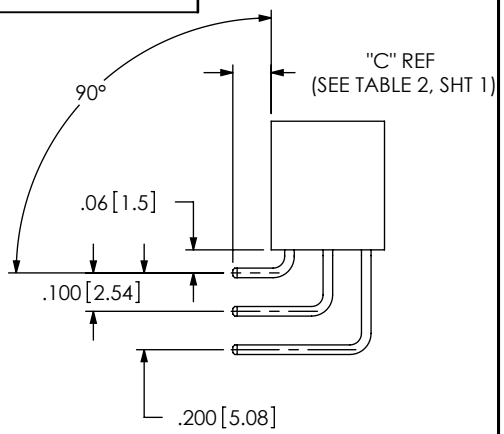


FIG 2
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)
SSQ-1XX-X-S-RA
SSQ-1XX-X-D-RA
SSQ-1XX-X-T-RA
SSQ-1XX-X-P-RA

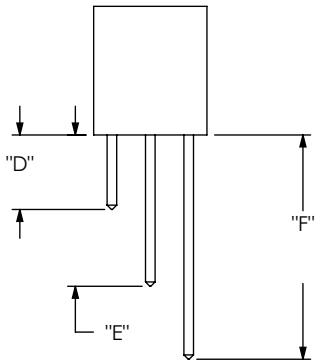


FIG 3
IN PROCESS RIGHT ANGLE

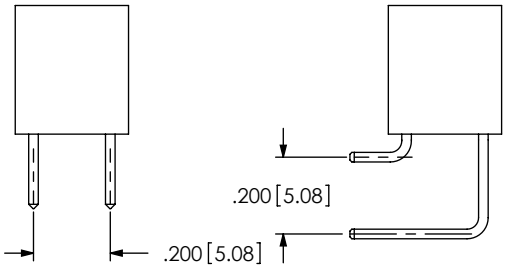


FIG 4
SSQ-1XX-XXX-X-Q-RA SHOWN
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1, FIG 2)

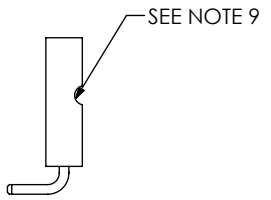
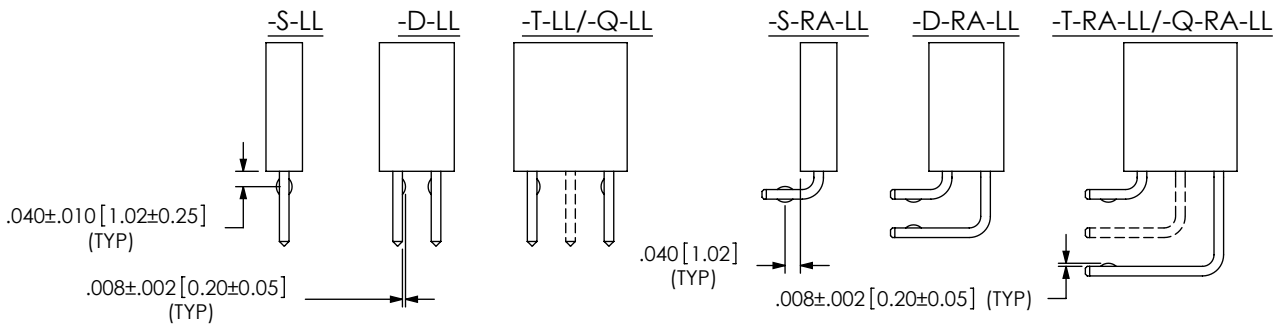


FIG 5
SSQ-1XX-XXX-X-RA-P SHOWN
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 2)



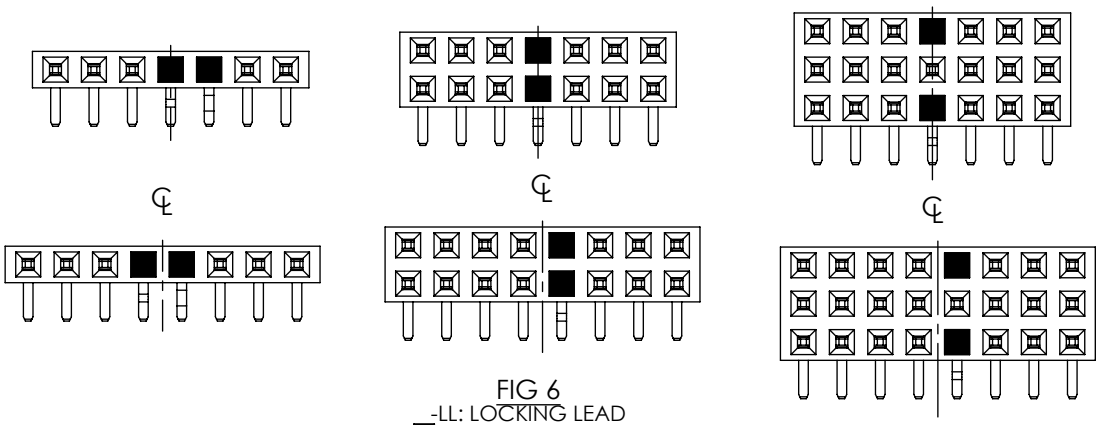


FIG 6
-LL: LOCKING LEAD
■ = CRIMP LOCATION
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)

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]

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SHEET SCALE: 2:1

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

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 2 OF 3

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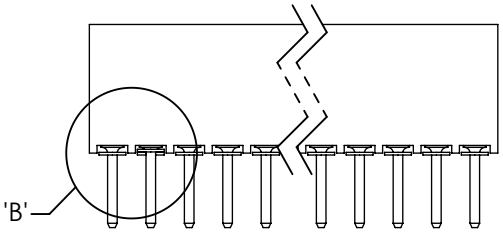
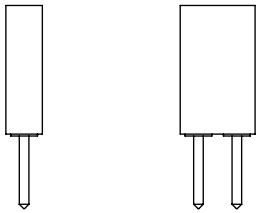
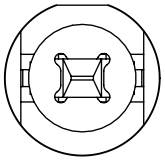
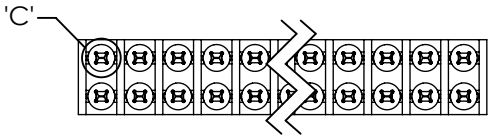
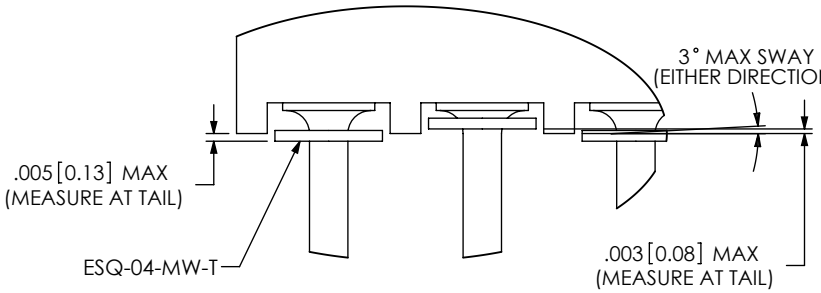




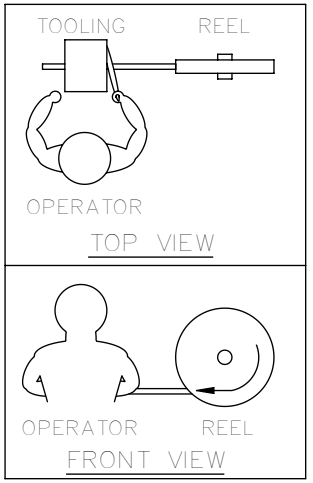


DETAIL 'C'
SCALE 8 : 1





DETAIL 'B'
SCALE 8 : 1



WASHER REEL ASSEMBLY
ORIENTAION VIEW

FIG 7
SSQ-1XX-XXX-X-MW SHOWN
(DIFFERENT AS SHOWN,
OTHERWISE SAME AS FIG 1)
**-MW: METAL WASHER
(ONE PER POSITION)
(N/A ON -LL OR -RA OPTION OR TRIPLE ROW)
(STYLE -01, -02, -21 AND -22 ONLY)
(AVAILABLE ON POS -02 THRU -30 ONLY)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
** - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL
ONLY SUPPORT EXISTING BUSINESS AS OF 02/12/2002

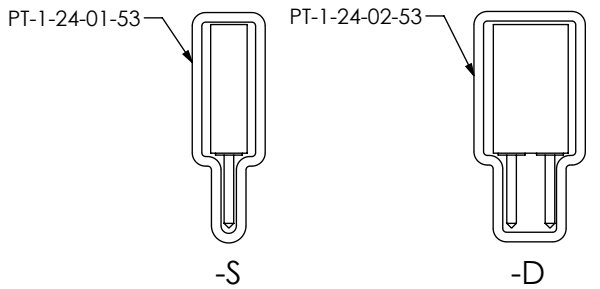


FIG 9
FOR METAL WASHERS ONLY
(ALL OTHER OPTIONS BULK PACKAGED)

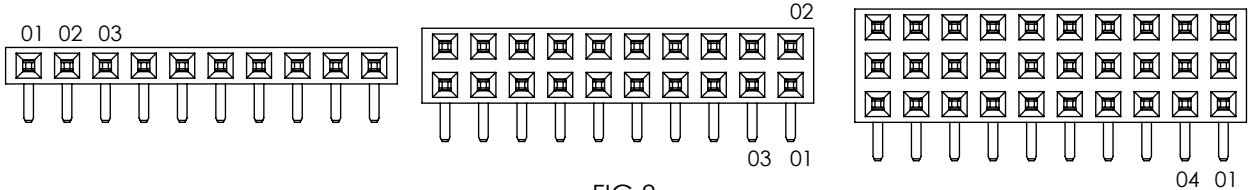


FIG 8
POLARIZATION LOCATION
INSERT PK-06-N INTO SPECIFIED POS
AND BREAK OFF TAB

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

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

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