

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-15-3-X	C-15-2-X C-15-3-X C-15-4-X
-03	C-15-3-X	C-15-3-X	C-15-3-X 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-60-3-X	C-60-2-X C-60-3-X C-60-4-X
-23	C-60-3-X	C-60-3-X	C-60-3-X C-60-4-X	N/A
-24	C-60-4-X	C-60-4-X	N/A	N/A

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE: ASSEMBLY, SOCKET STRIP	DWG NO: SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .005 [.13]	ANGLES ± 2°	TWO PLACE DECIMALS ± .01 [.25]	FOUR PLACE DECIMALS ±		.025 [.64] SQ. TAIL	SSQ-1XX-XX-XX-X-XX-XXX-XX-XX SHEET 1 OF 3

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

BODY LENGTH SPEC
-01 THRU -50
("A" = XX/10 + .020 [.51])

CONTACT SPECIFICATION
(SEE TABLE 1)
-01 THRU -04 (STANDARD INSERTION FORCE)
-21 THRU -24 (LOW INSERTION FORCE)

PLATING SPECIFICATION
-G: GOLD- SPECIFY -G IN CONTACT SUFFIX -XX
-T: TIN- SPECIFY -T IN CONTACT SUFFIX -XX
(NOT AVAILABLE FOR -21 THROUGH -24 LEAD STYLES)
-S: SELECTIVE (HEAVY GOLD)-SPECIFY -S IN CONTACT SUFFIX -XX
-H: HEAVY GOLD- SPECIFY -H IN CONTACT SUFFIX -XX
-F: FLASH GOLD SELECTIVE (SEE PP-C-15-X-F)
-TL: TIN/LEAD -SPECIFY -TL IN TERMINAL SUFFIX -XX
(AVAILABLE ONLY ON LEAD STYLES -01.)
-TM: MATTE TIN, SPECIFY -T IN CONTACT SUFFIX -X
-SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL, SPECIFY -S IN CONTACT SUFFIX -X
-FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL SPECIFY -F IN CONTACT SUFFIX -X

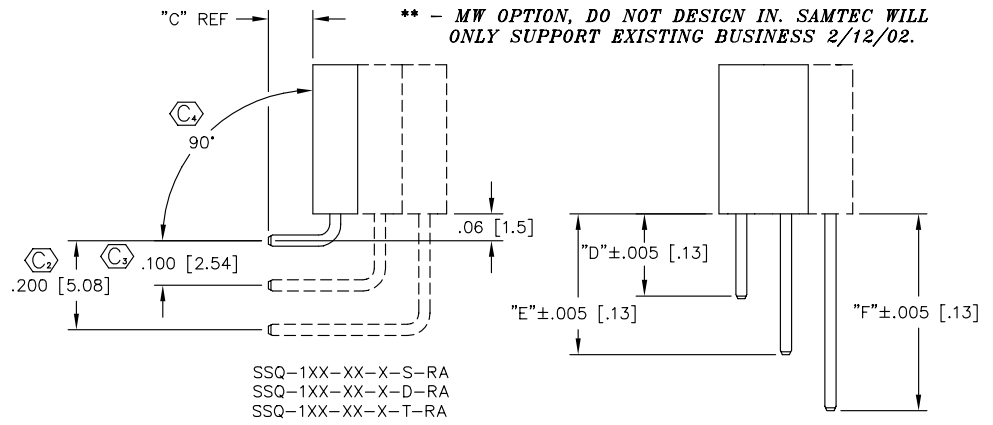
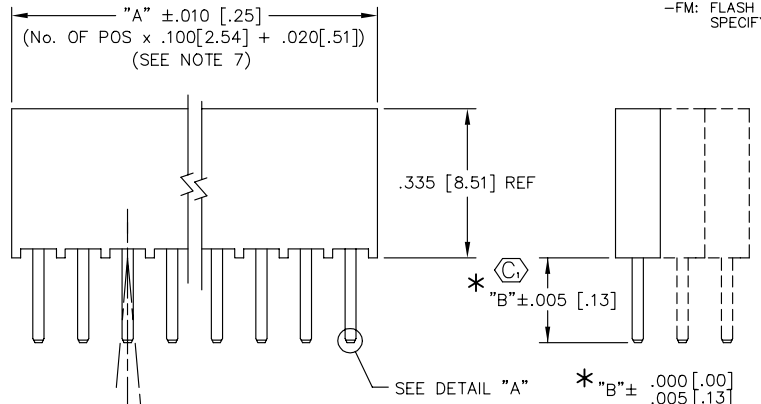
OPTION
** -MW: METAL WASHER (SEE FIG. 4, SHT 3)
(N/A WITH -LL OR -RA)(N/A ON TRIPLE ROW)
(AVAIL. ON 01, 02, 21 & 22 STYLES ONLY)
(AVAIL. ON POS. -02 THRU -30 ONLY)

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

POLARIZING OPTION
INDICATE POS- SEE FIG. 3 SHT. 3

OPTION
-RA: RIGHT ANGLE (SEE FIG. 1)
(CONTACT -01 N/A)

BODY SPECIFICATION
-S: USE SSW-XX-S
-D: USE SSW-XX-D
-T: USE SSW-50-T
-Q: USE SSW-50-T (TRIPLE ROW WITH ONLY 2 OUTER ROWS FILLED)
-P: USE SSW-XX-P



*"B" ± .000 [.00]
*.005 [.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

IN-PROCESS	"D"	"E"	"F"
SSQ-1XX-02-X-D-RA	.194 [4.93]	.394 [10.01]	-----
SSQ-1XX-03-X-D-RA	.394 [10.01]	.594 [15.09]	-----
SSQ-1XX-02-X-T-RA	.194 [4.93]	.394 [10.01]	.594 [15.09]

CONTACT	TABLE 2			
	"B"	"C" REF		
	-S(-RA), -D, -T	-S-RA	-D-RA	-T-RA
-01,-21	.104 [2.64]	N/A	N/A	N/A
-02,-22	.194 [4.93]	.100 [2.54]	.100 [2.54]	.100 [2.54]
-03,-23	.394 [10.01]	.300 [7.62]	.300 [7.62]	N/A
-04,-24	.584 [14.83]	.490 [12.45]	N/A	N/A

FIG. 1

NOTES:
1. CONTACT PUSHOUT FORCE: 1.5 lbs. MIN.
2. MAX ALLOWABLE BOW: .003 [.08] INCH/INCH.
3. MAX ALLOWABLE SWAY: 4° IN THE SAME DIRECTION FOR HAND FILL & 1° EITHER DIRECTION FOR MACHINE FILL.
4. MAX ALLOWABLE VARIATION BETWEEN PIN ROWS: .010 [.25].
5. "END WALLS" AFTER CUTTING SHOULD BE .020±.003 [.51±.08].
6. (⊗) REPRESENTS CRITICAL DIMENSION
7. FLASH FROM THE CUT SHALL NOT EXCEED .010" [.25]. NO FLASH IS ALLOWED BELOW LEADS OR IN HOLES OF BODY.
8. SHEAR LOCATION TO BE WITHIN .001" [.03] OF THE BREAK OFF CENTER LOCATION FOR MACHINE FILL.

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 FOR WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC INC.

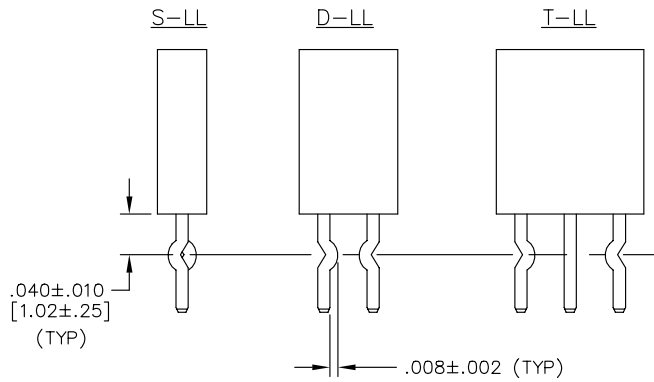
MATERIAL: INSULATOR: PRIMARY MATERIAL: LCP ALTERNATE MATERIAL: HIGH TEMPERATURE THERMOPLASTIC COLOR: BLACK	EXISPROD\ASSEMBLY\100 SSQ-ASM
TERMINAL: PHOSPHOR BRONZE	samtec 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 55322
MADE BY: PURVIS 6-12-87	SSQ-1XX-XX-X-XX-XXX-XX-XX SHEET 1 OF 3

FIG. 2
-LL: LOCKING LEAD OPTION

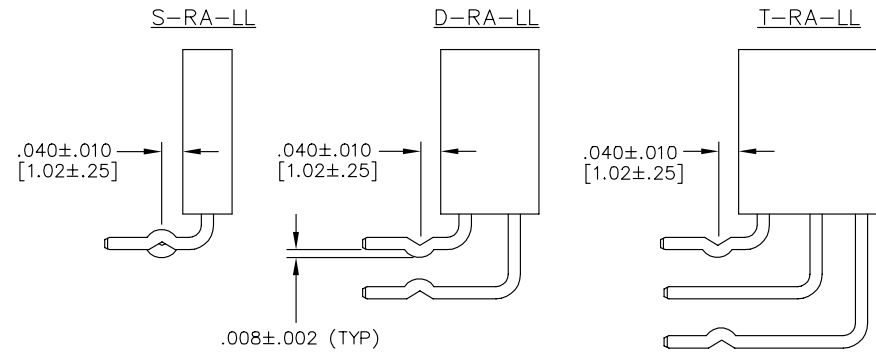
DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .010 [.25]	ANGLES	± 2°
TWO PLACE DECIMALS ±	FOUR PLACE DECIMALS ± .0050 [.127]		

TITLE: ASSEMBLY,
SOCKET STRIP
.025 [.64] SQ. TAIL

DWG NO:
SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 2 OF 3

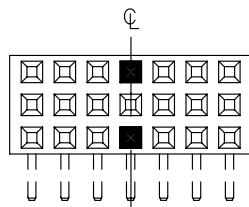


STRAIGHT VERSION

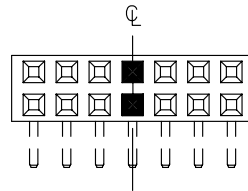


RIGHT ANGLE VERSION

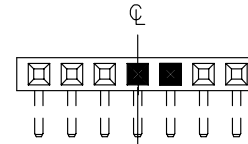
CRIMP LOCATION
(STRAIGHT & RA VERSIONS)



TRIPLES:

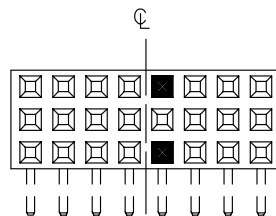


DOUBLES:

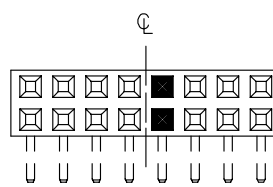


SINGLES:

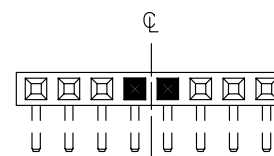
■ = CRIMP LOCATION
ODD POSITIONS



TRIPLES:



DOUBLES:



SINGLES:

■ = CRIMP LOCATION
EVEN POSITIONS

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 FOR WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC INC.

PLOT SCALE: 1 = .2

samtec

MISC\MKTG
SSQ-2MK

520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

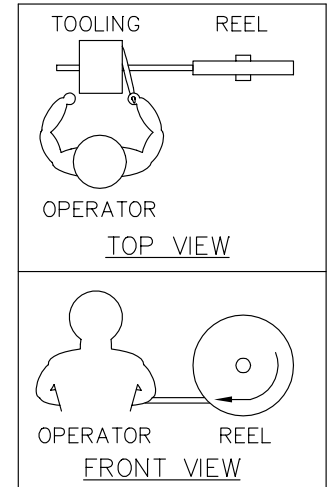
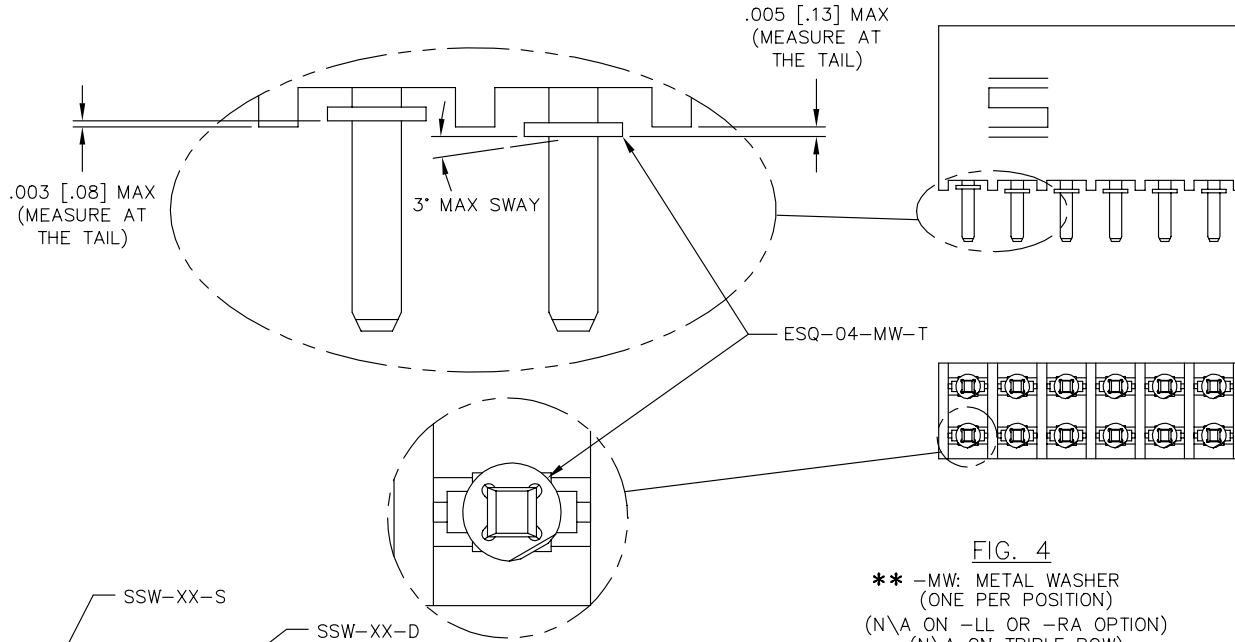
MADE BY: PURVIS 6-12-87

SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 2 OF 3

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	
TOLERANCES ARE:		ANGLES	
ONE PLACE DECIMALS ±	THREE PLACE DECIMALS ± .010 [.25]	± 2°	
TWO PLACE DECIMALS ±	FOUR PLACE DECIMALS ± .0050 [.127]		

TITLE: ASSEMBLY,
SOCKET STRIP
.025 [.64] SQ. TAIL

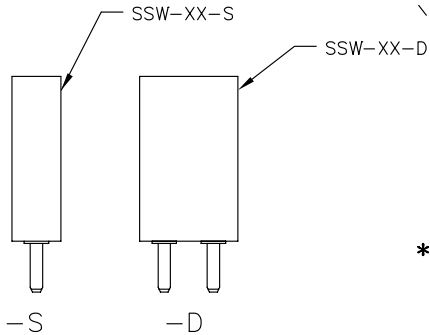
DWG NO:
SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 3 OF 3



WASHER REEL ASSEMBLY ORIENTAION VIEW

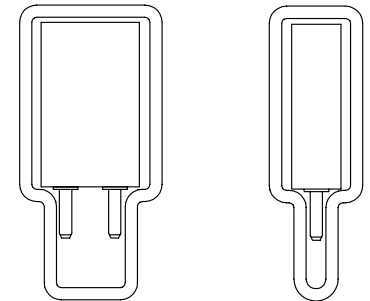
FIG. 4

** -MW: METAL WASHER
(ONE PER POSITION)
(N\A ON -LL OR -RA OPTION)
(N\A ON TRIPLE ROW)
(STYLES -01,-02,-21 AND -22 ONLY)
(AVAILABLE ON POS. -02 THRU -30 ONLY)



**** - MW OPTION, DO NOT DESIGN IN. SAMTEC WILL ONLY SUPPORT EXISTING BUSINESS 2/12/02.**

FOR MEDAL WASHER OPTION ONLY
USE TUBE- PT-1-24-02-53 FOR DOUBLE
USE TUBE- PT-1-24-01-53 FOR SINGLE



PLOT SCALE: 1 = .2

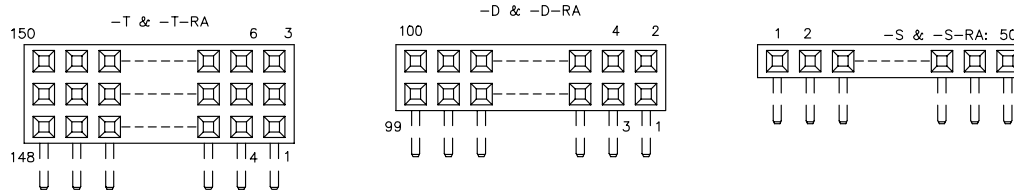


FIG. 3

POLARIZATION LOCATION

INSERT PK-06-N INTO SPECIFIED POS
AND BREAK OFF TAB

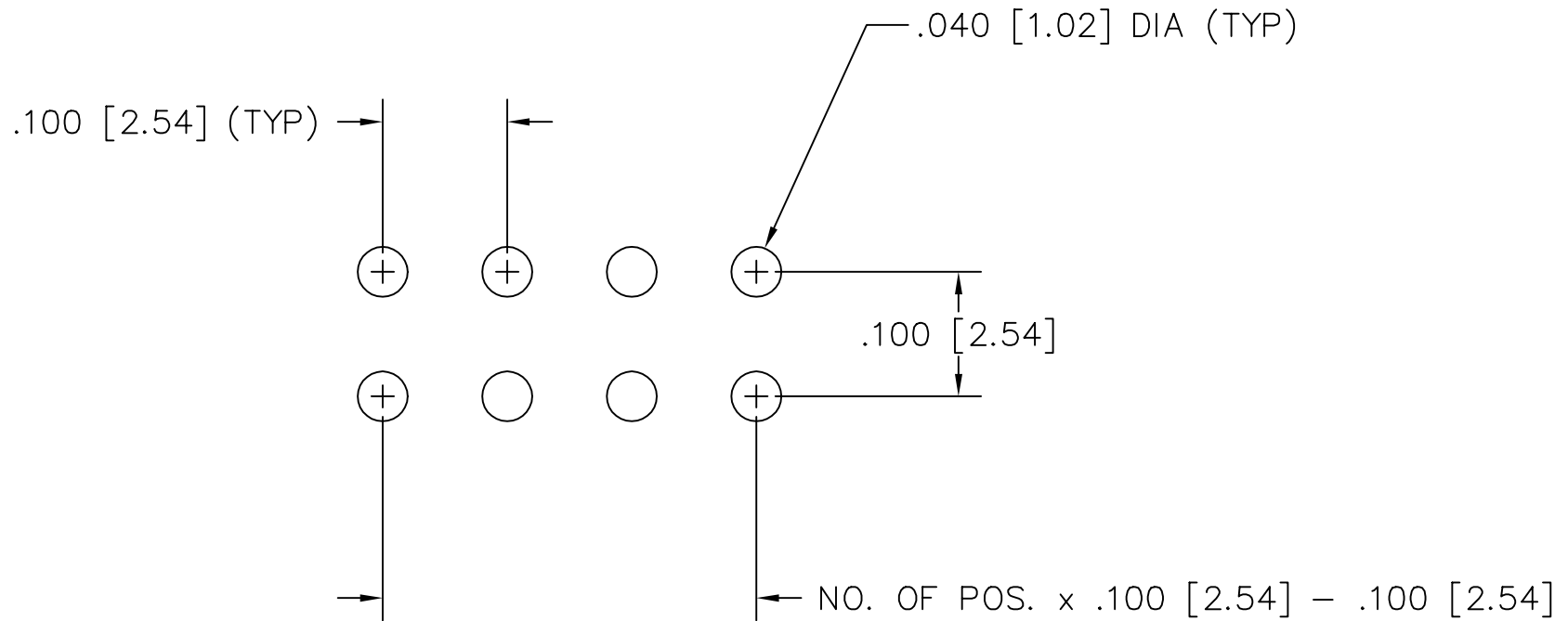
PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSFERRED TO
OTHER DOCUMENTS OR DISCLOSED TO
OTHERS OR USED FOR ANY PURPOSE
OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.

samtec MISC MKTG
SSQ-3MK
520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147
CODE 55322

MADE BY: PURVIS 6-12-87

SSQ-1XX-XX-XX-X-XX-XXX-XX-XX
SHEET 3 OF 3

RECOMMENDED P.C. BOARD LAYOUT FOR SSQ (DOUBLE)



11-14-94

MISC\MKTG\FOOTPRNT
SSQ-D

samtec

810 PROGRESS BLVD. NEW ALBANY, INDIANA 47150
PHONE (812) 944-6733 P.O. BOX 1147

PLOT SCALE: 1 = .1