

DO NOT SCALE FROM THIS PRINT

LS2-1XX-XX-XX-D-XXX-X

- No OF POSITIONS  
-05, -10, -15, -20,  
-25, -30  
(PER ROW)
- LEAD STYLE  
-01: THROUGH HOLE  
-02: SURFACE MOUNT  
(SEE FIG 2)
- PLATING SPECIFICATION  
-F: FLASH SELECTIVE GOLD  
(USE T-1S13-XX-F-2 & C-79-XX-F)  
-FM: FLASH SELECTIVE GOLD  
MATTE TIN REMAINDER  
(USE T-1S13-XX-F-2 & C-79-XX-F)  
-L: LIGHT SELECTIVE GOLD  
(USE T-1S13-XX-L-2 & C-79-XX-L)  
-LM: LIGHT SELECTIVE GOLD  
MATTE TIN REMAINDER  
(USE T-1S13-XX-L-2 & C-79-XX-L)  
-S: SELECTIVE GOLD  
(USE T-1S13-XX-S-2 & C-79-XX-S)  
-SM: SELECTIVE GOLD  
MATTE TIN REMAINDER  
(USE T-1S13-XX-S-2 & C-79-XX-S)  
-G: GOLD  
(USE T-1S13-XX-G-2 & C-79-XX-G)  
-H: HEAVY GOLD  
(USE T-1S13-XX-H-2 & C-79-XX-H)
- OPTION  
-K: POLYIMIDE FILM PAD  
(USE K-DOT-.246-.375-.005, SEE FIG 5)  
[LEAD STYLE -02 ONLY]  
-A: ALIGNMENT PIN  
(USE LS2-XX-D-XX-A, SEE FIG 6)  
[LEAD STYLE -02 ONLY]  
-TR: TAPE & REEL
- TAIL OPTION  
-RA1: RIGHT ANGLE-SHROUD DOWN (SEE FIG 3)  
-RA2: RIGHT ANGLE-SHROUD UP (SEE FIG 4)  
[AVAILABLE ONLY ON LEAD STYLE -01]
- ROW SPECIFICATION  
-D: DOUBLE (USE LS2-XX-D-XX)

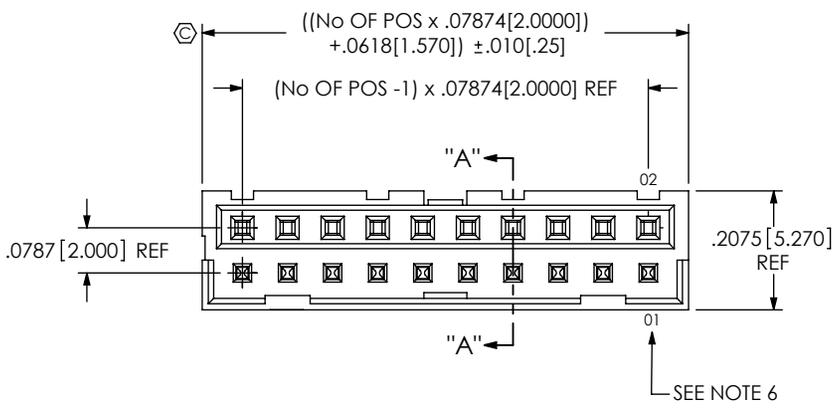


FIG 1  
LS2-110-01-X-D SHOWN

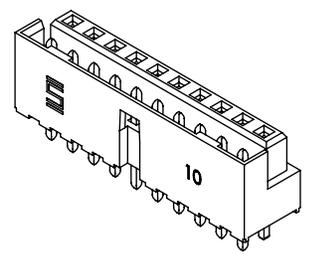
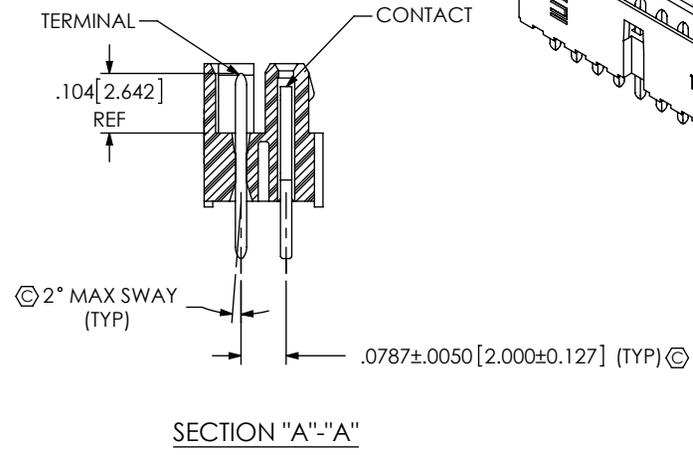
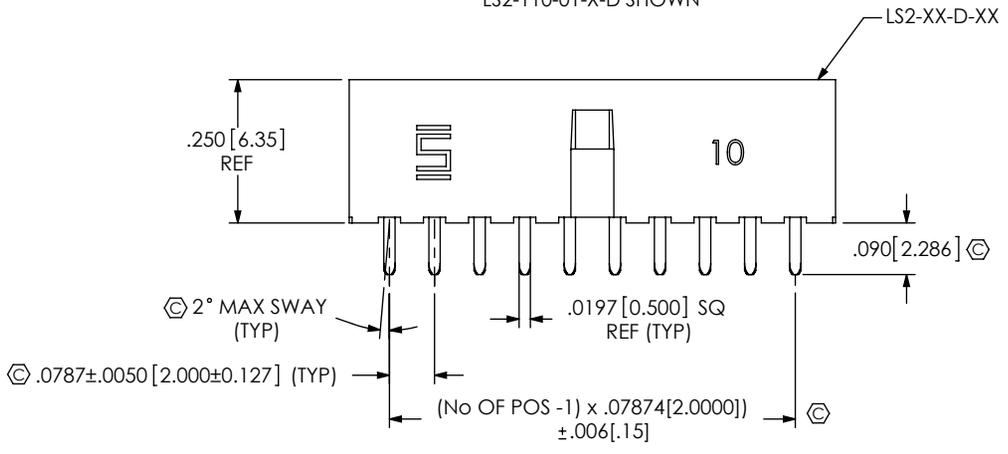


TABLE 2			
STYLE	OPTION	TERMINAL	CONTACT
-01	---	T-1S13-20-XXX-2	C-79-01-XXX
	-RA1	T-1S13-03-XXX-2	C-79-12-XXX
	-RA2	T-1S13-10-XXX-2	C-79-12-XXX
-02	---	T-1S13-13-XXX-2	C-79-12-XXX

- NOTES:
- ① REPRESENTS A CRITICAL DIMENSION.
  - BURR ALLOWANCE: .003[.08] MAX.
  - MAXIMUM CUT FLASH: .015[.38].
  - MINIMUM PUSHOUT FORCE; TERMINALS: 2 LBS, CONTACTS: .5 LBS.
  - MAXIMUM ALLOWABLE BOW: .002 INCH/INCH AFTER ASSEMBLY.
  - SEE APPLICATION VIEWS (SHEET 3) FOR POSITION 01 LOCATION.
  - ALL PIN TO PIN DIMENSIONS TO BE MEASURED FROM TIP TO TIP.
  - DIMENSION TO BE MEASURED AT BEND.
  - SHEAR TAILS TO DIMENSION SHOWN.

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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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  
INSULATOR: LCP, COLOR: BLACK  
SOCKET: PHOS BRONZE  
TERMINAL: PHOS BRONZE

SHEET SCALE: 3:1

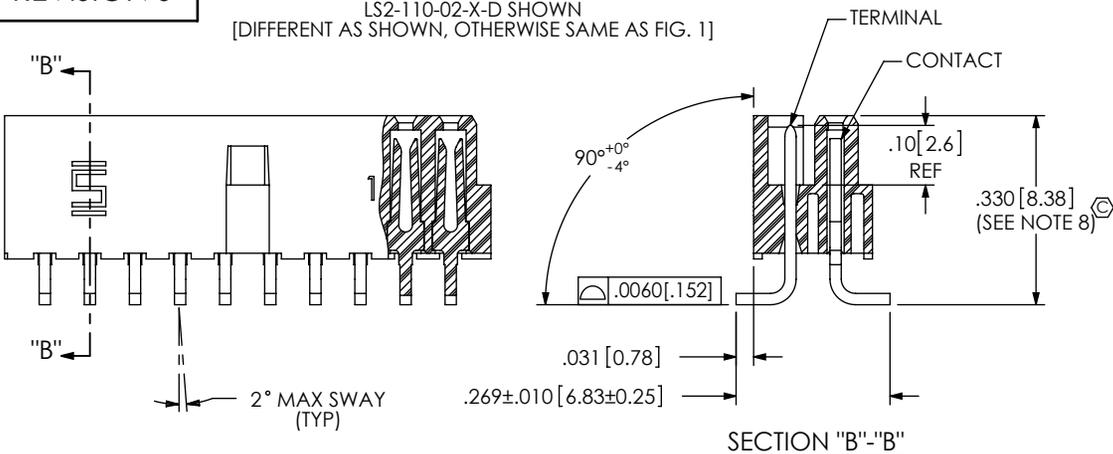
DESCRIPTION:  
2mm TERMINAL/SOCKET COMBO

DWG. NO. LS2-1XX-XX-XX-D-XXX-X  
BY: DEAN P 4/24/2002 SHEET 1 OF 4

REVISION S

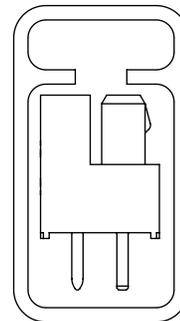
FIG 2

LS2-110-02-X-D SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



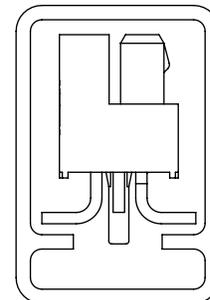
PACKAGING VIEWS

STYLE -01



TUBE: PT-1-24-04-09  
PLUG: TP-07

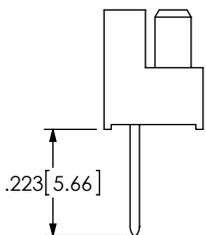
STYLE -02



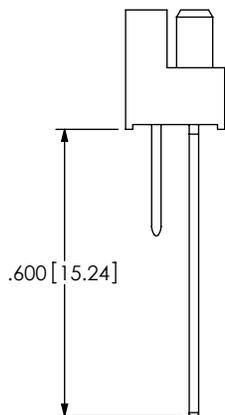
TUBE: PT-1-24-01-123  
PLUG: TP-03

STYLE -02-D IN-PROCESS VIEWS

IN-PROCESS 1



IN-PROCESS 2



IN-PROCESS 3

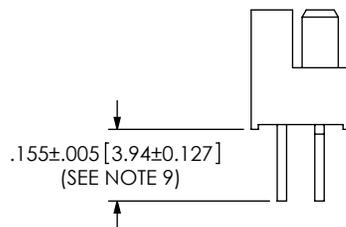
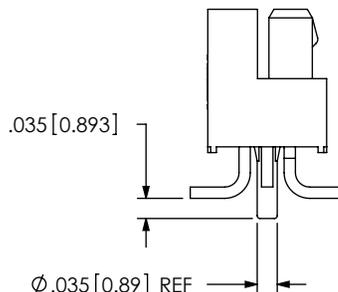
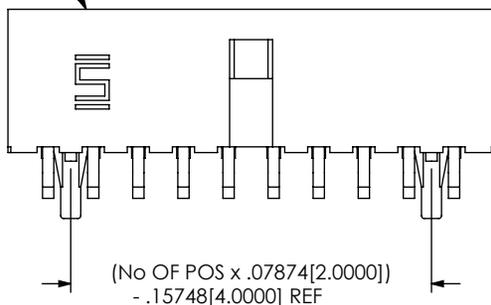


FIG 6

-A: ALIGNMENT PIN OPTION  
LS2-110-02-X-D-A SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2]

LS2-XX-D-XX-A



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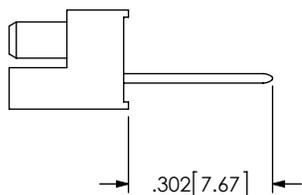
DESCRIPTION: 2mm TERMINAL/SOCKET COMBO

DWG. NO. LS2-1XX-XX-XX-D-XXX-X

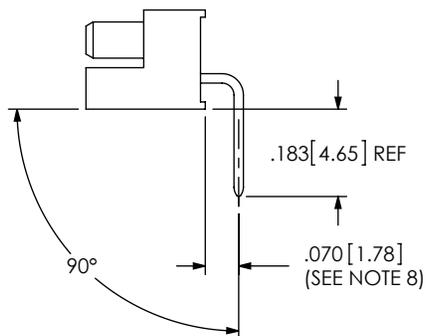
BY: DEAN P 4/24/2002 SHEET 2 OF 4

REVISION S

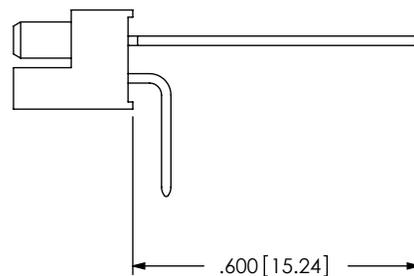
IN-PROCESS 1



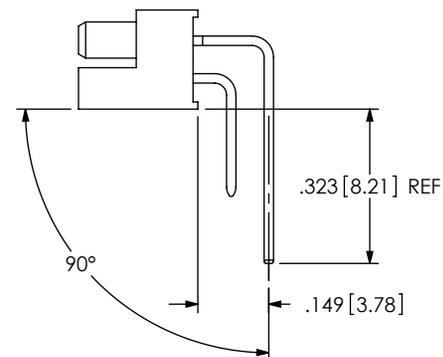
IN-PROCESS 2



IN-PROCESS 1



IN-PROCESS 4



STYLE -01-RA1 IN-PROCESS VIEWS

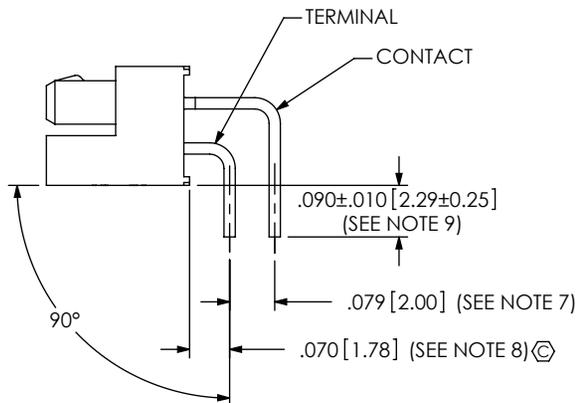
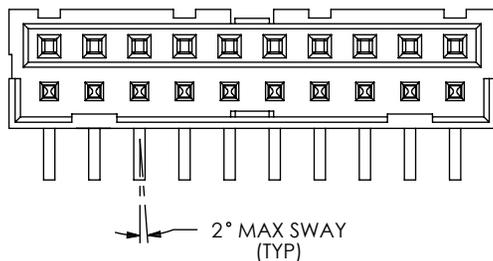
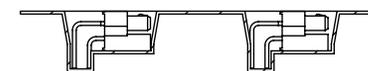
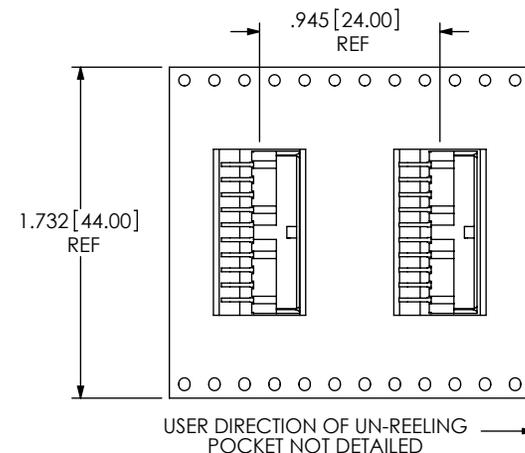


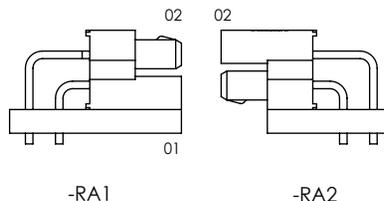
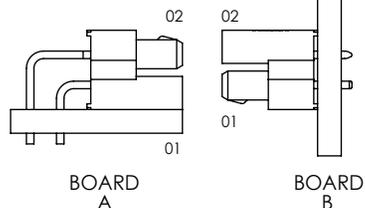
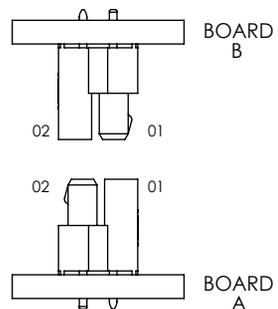
FIG 3  
LS2-110-01-X-D-RA1 SHOWN  
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]  
\* AVAILABLE ONLY ON LEAD STYLE -01 \*



STYLE-01-RA1 PACKAGING VIEW

PARTS MUST BE ORIENTED PER THE DESIGN OF THE POCKET AND POCKET TOOL. POCKETS DESIGNED AFTER REVISION Q MUST ORIENT PARTS PER THIS VIEW.

APPLICATION VIEWS



PARALLEL BOARD-TO-BOARD

PERPENDICULAR BOARD-TO-BOARD

IN-LINE PARALLEL BOARD-TO-BOARD

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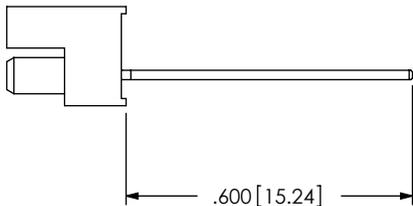
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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

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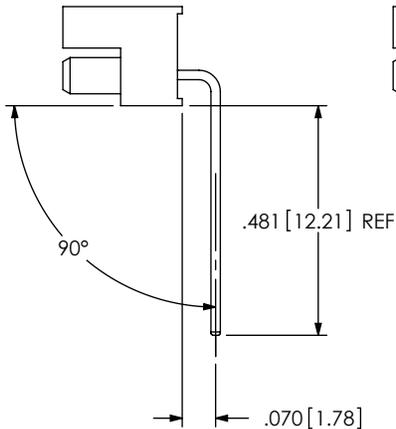
DWG. NO. LS2-1XX-XX-XX-D-XXX-X

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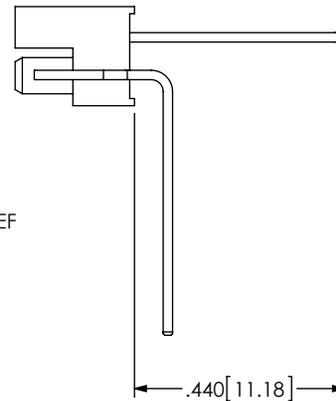
IN-PROCESS 1



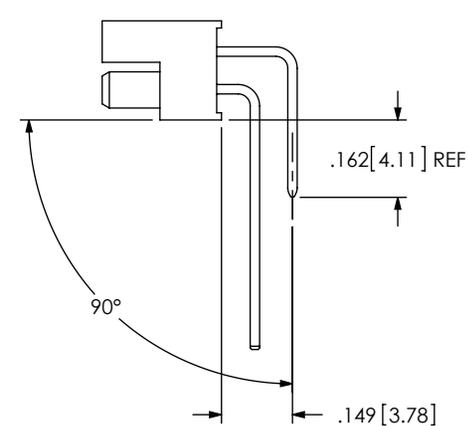
IN-PROCESS 2



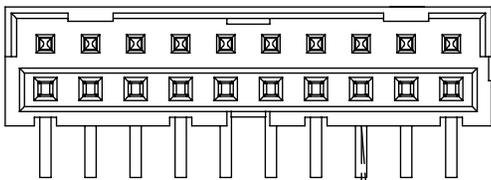
IN-PROCESS 3



IN-PROCESS 4



STYLE -01-RA2 IN-PROCESS VIEWS



2° MAX SWAY (TYP)

FIG 4

LS2-110-01-X-D-RA2 SHOWN [DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1]

\* AVAILABLE ONLY ON LEAD STYLE -01 \*

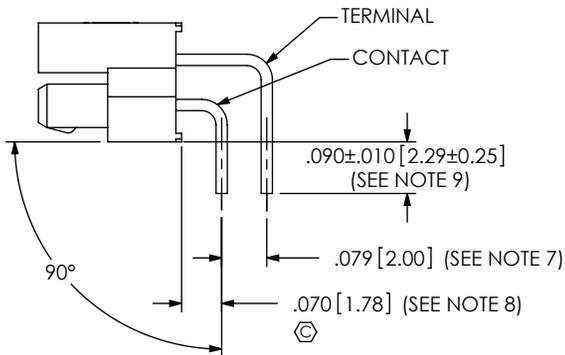
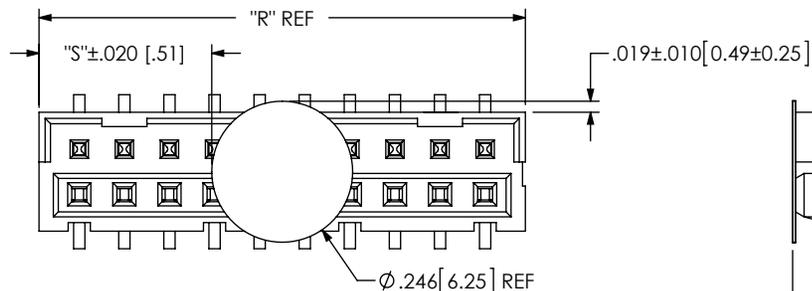
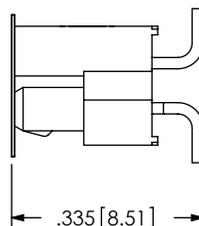


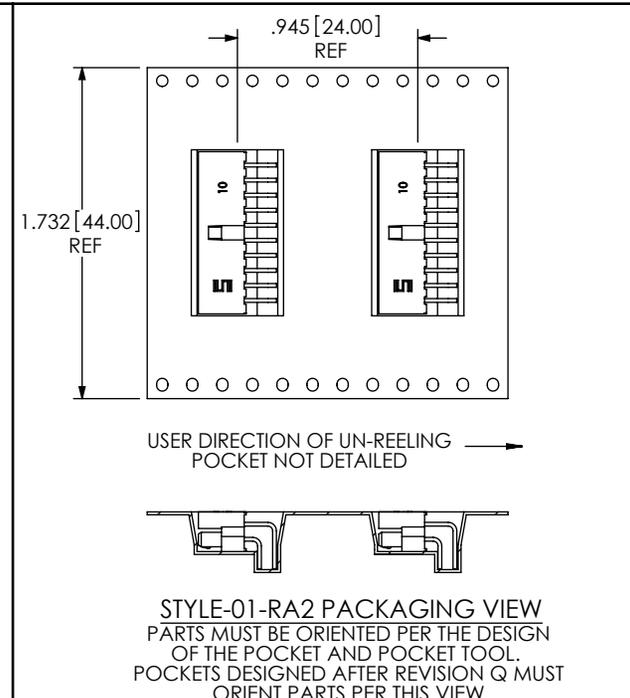
FIG 5  
-K: POLYIMIDE FILM PAD OPTION



NOTE:  
"R" = (No OF POS x .07874[2.0000]) +.06181[1.570]  
"S" = ("R" - .2460[6.248]) / 2



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<p>BY: DEAN P 4/24/2002</p>		<p>SHEET 4 OF 4</p>