

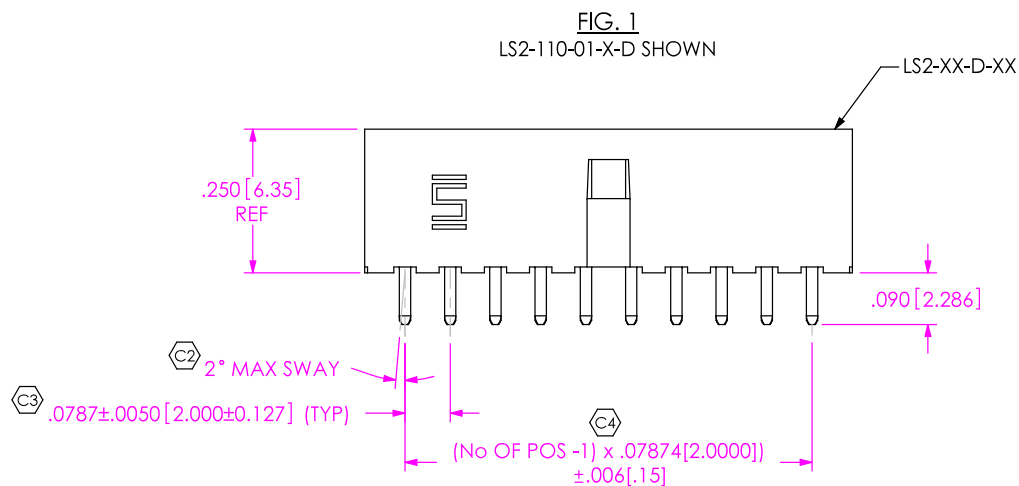
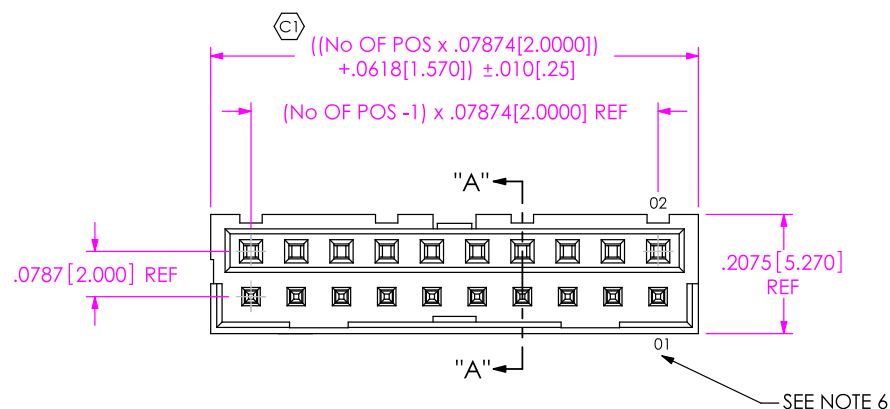
NOT RELEASED
FOR PRODUCTIONUSE FOR QUOTING, PRELIMINARY
DESIGN, PROTOTYPING AND
INFORMATIONAL PURPOSES ONLY

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

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: POLYAMIDE FILM PAD
(USE K-500-300, 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

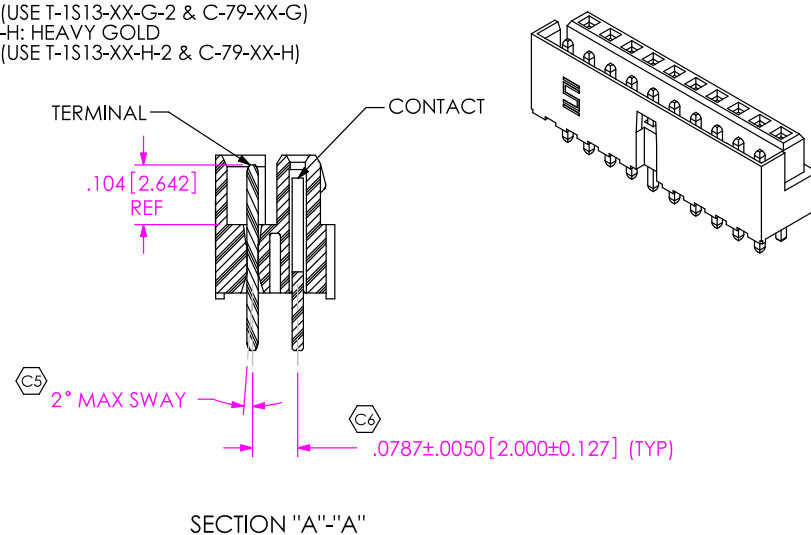
TAIL OPTION

-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)

* = NOT TOOLED

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$ [.3] 2°
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.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:

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

DO NOT SCALE DRAWING

SHEET SCALE: 3:1



F:\DWG\MISC\MKTG\LS2-1XX-XX-XX-D-XXX-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:

2mm TERMINAL/SOCKET COMBO

DWG. NO.

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

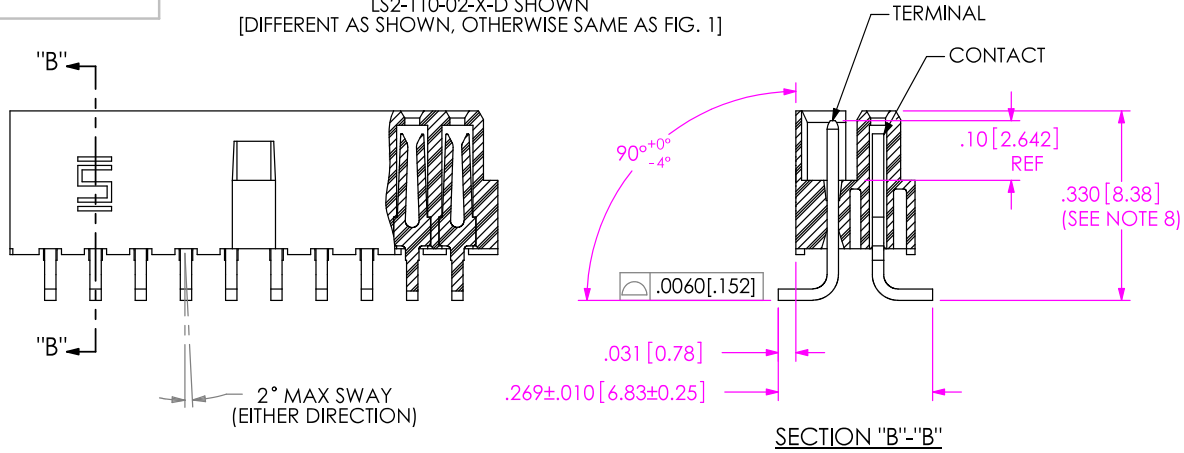
BY: DEAN P

4/24/2002

SHEET 1 OF 4

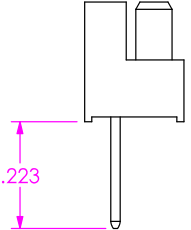
FIG. 2 J

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

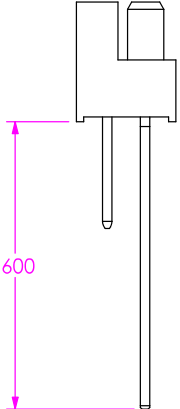


STYLE -02-D IN-PROCESS VIEWS

IN-PROCESS 1 J



IN-PROCESS 2 J



IN-PROCESS 3 J

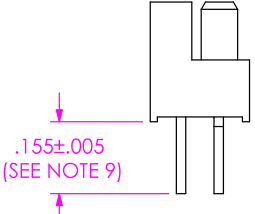
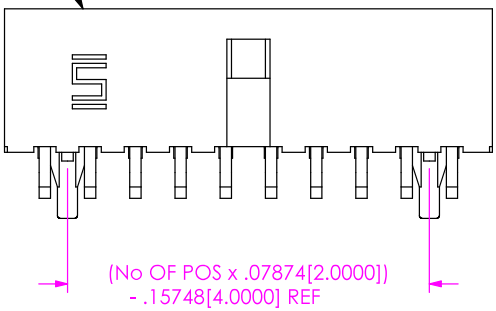


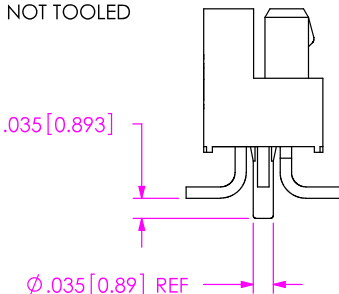
FIG. 6 J

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

LS2-XX-D-XX-A

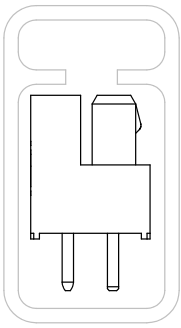


*= NOT TOOLED



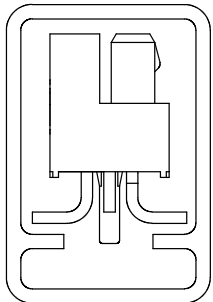
PACKAGING VIEWS

STYLE -01



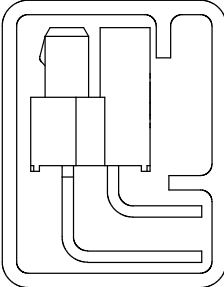
TUBE: PT-1-24-04-09
PLUG: TP-07

STYLE -02 J



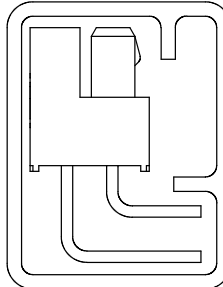
TUBE: PT-1-24-01-123
PLUG: TP-13

STYLE -01-RA1 J



TUBE: PT-1-24-01-124
PLUG: TP-07

STYLE -01-RA2 J



TUBE: PT-1-24-01-124
PLUG: TP-07

F:\DWG\MISC\MKTG\LS2-1XX-XX-XX-D-XXX-X-MKT.SLDDRW

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: 3:1

SAMTEC

520 Park East Blvd. New Albany, IN 47151
Phone (812) 944-6733 Fax (812) 948-5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

DESCRIPTION:
2mm TERMINAL/SOCKET COMBO

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

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

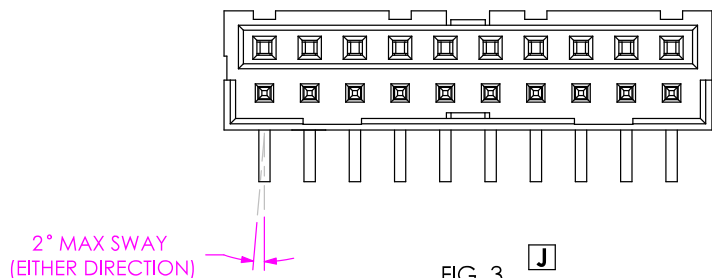
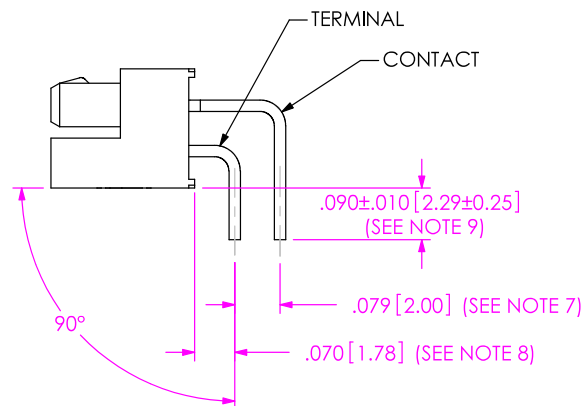


FIG. 3

J

LS2-110-01-X-D-RA1 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]

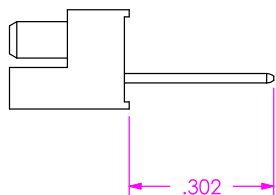
* AVAILABLE ONLY ON LEAD STYLE -01 *



STYLE -01-RA1 IN-PROCESS VIEWS

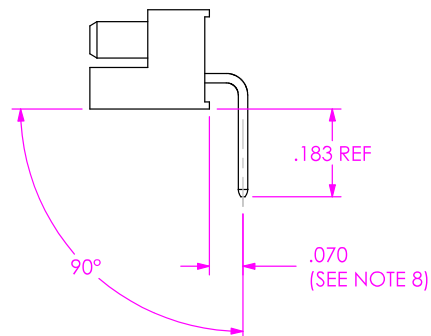
IN-PROCESS 1

J



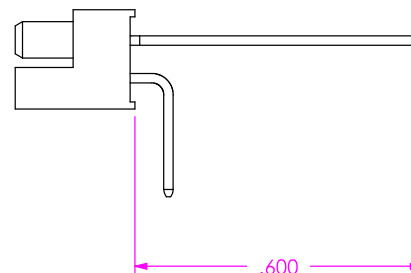
IN-PROCESS 2

J



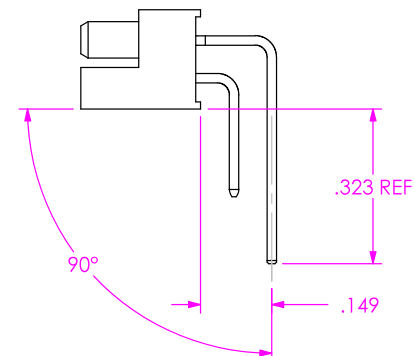
IN-PROCESS 3

J

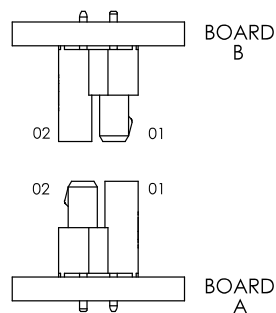


IN-PROCESS 4

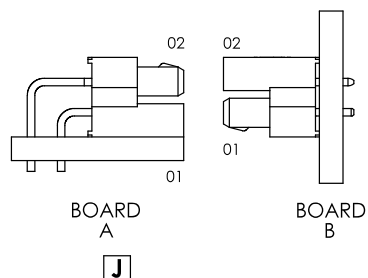
J



APPLICATION VIEWS

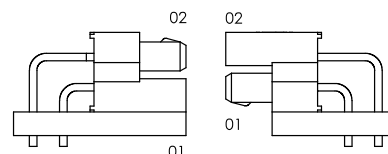


PARALLEL
BOARD-TO-BOARD



J

PERPENDICULAR
BOARD-TO-BOARD



J

J

IN-LINE PARALLEL
BOARD-TO-BOARD

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: 3:1

F:\DWG\MISC\MKTG\LS2-1XX-XX-XX-D-XXX-X-MKT.SLDDRW

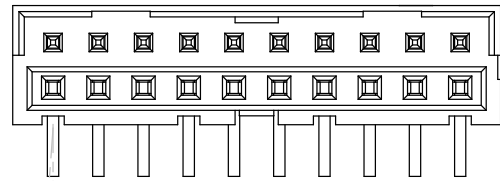
SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

DESCRIPTION:
2mm TERMINAL/SOCKET COMBO

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

BY: DEAN P 4/24/2002 SHEET 3 OF 4

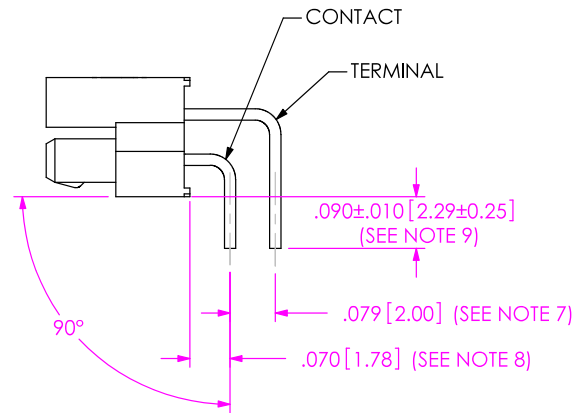


2° MAX SWAY
(EITHER DIRECTION)

FIG. 4 J

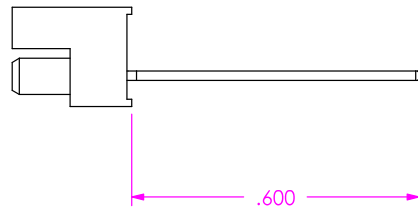
LS2-110-01-X-D-RA2 SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]

* AVAILABLE ONLY ON LEAD STYLE -01 *

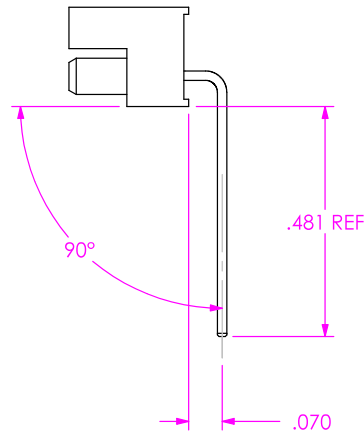


STYLE -01-RA2 IN-PROCESS VIEWS

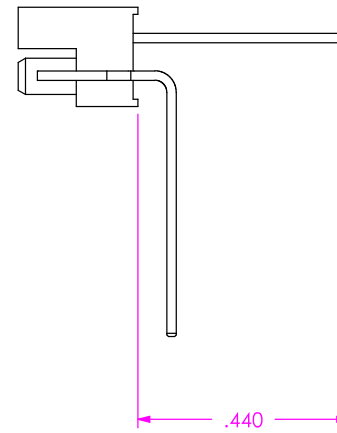
IN-PROCESS 1 J



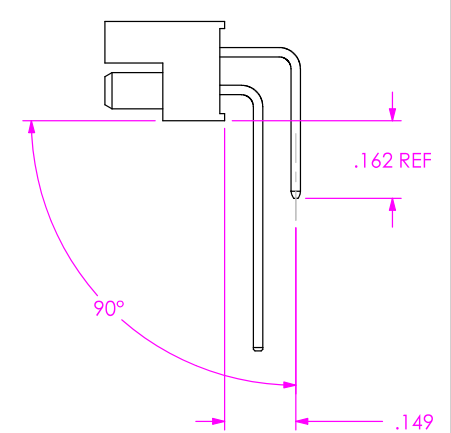
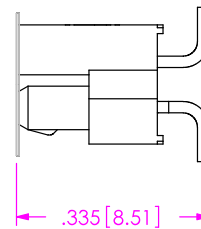
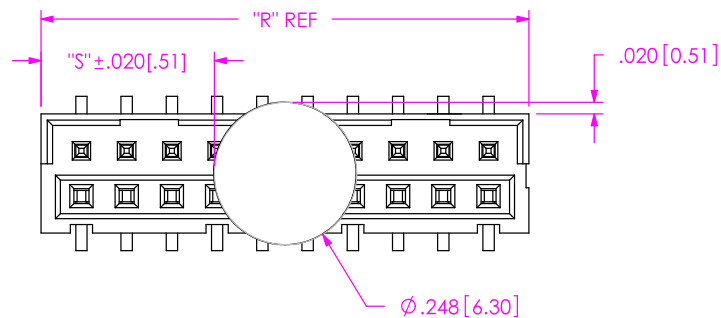
IN-PROCESS 2 J



IN-PROCESS 3 J



IN-PROCESS 4 J

FIG. 5
-K: POLYAMIDE FILM PAD OPTION

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

F:\DWG\MISC\MKTG\LS2-1XX-XX-X-D-XXX-X-MKT.SLDDRW

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: 3:1

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 TERMINAL/SOCKET COMBO

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

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