

DESIGNED & DIMENSIONED IN MILLIMETERS (INCHES FOR REFERENCE)

LSS-1XX-XX-XX-DV-XX-XX

DO NOT
SCALE FROM
THIS PRINT

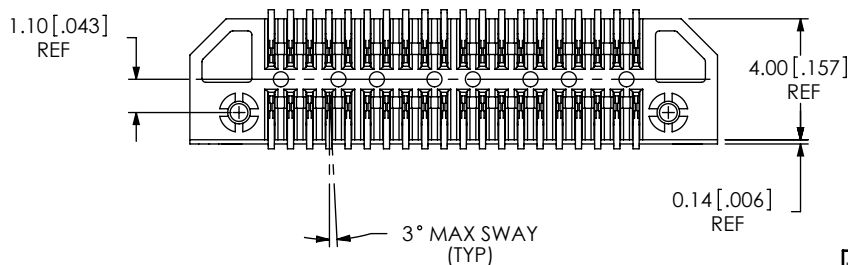
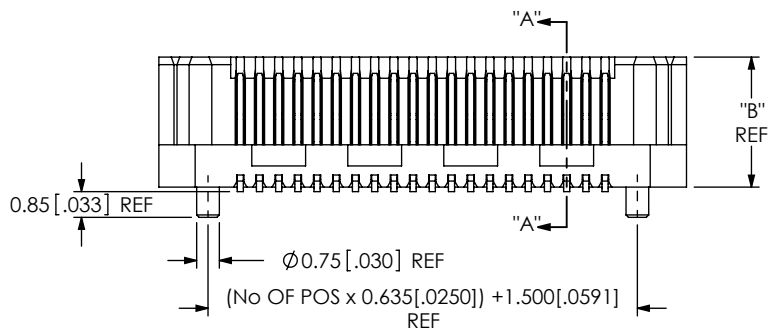
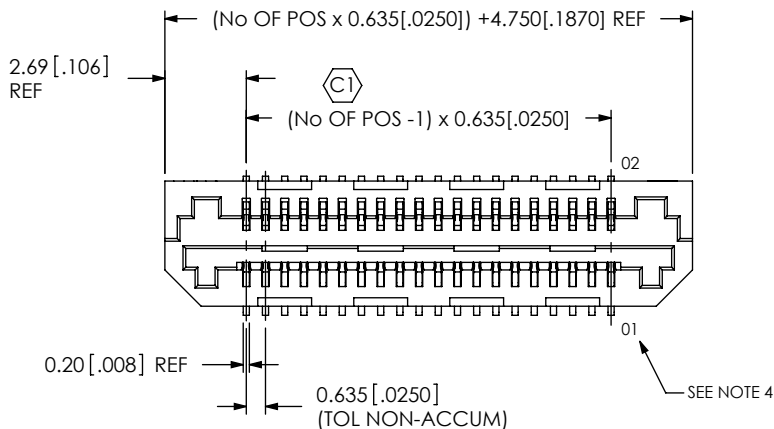


FIG 1

LSS-120-01-XX-DV-A SHOWN

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .038 [.0015].
3. MINIMUM PUSHOUT FORCE; TERMINALS: .5 LBS, CONTACTS: .5 LB.
4. PIN 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR, SEE APPLICATION VIEWS.
5. MEASURE FROM TOP OF VERTICAL WALL.
6. MINIMUM PULL OUT FORCE FOR -LC IS .75 LB.

AC

PLATING SPECIFICATION

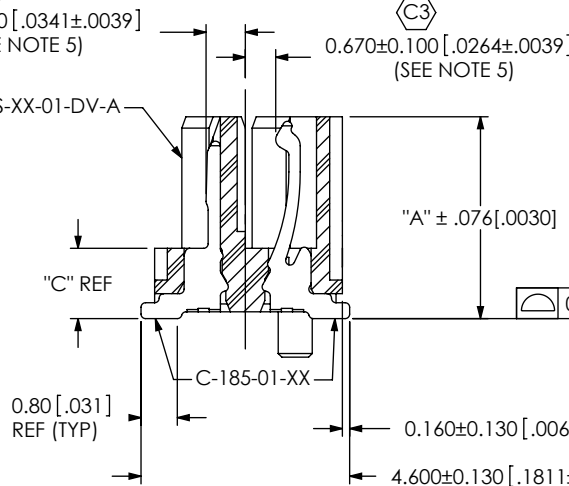
- L: 10µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-LG)
- F: 3µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-FG)
- LM: 10µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-LM)
- FM: 3µ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-FM)

C2

0.866±0.100 [.0341±.0039]
(SEE NOTE 5)

LSS-XX-01-DV-A

"C" REF



SECTION "A"-"A"
SCALE 8:1

TABLE 1

BODY HT	"A"	"B"	"C"
-01	4.496 [.1770]	4.300 [.1693]	1.596 [.0628]
-02	7.493 [.2950]	7.300 [.2874]	4.593 [.1808]
-03	5.493 [.2163]	5.300 [.2087]	2.593 [.1021]

OPTION

- K: POLYIMIDE FILM (USE K-500-300) (SEE FIG 2, SHT 3)
- TR: TAPE & REEL (SEE FIG 4 SHT 3)

OPTION

- A: ALIGNMENT PIN (REQUIRED FOR -01 LEAD STYLE; OPTIONAL FOR -02 & -03)
- LC: LOCKING CLIP (-02 & -03 LEAD STYLES ONLY) (USE LC-08-TM-01) (SEE FIG 3, SHT 3) (SEE NOTE 6)

ROW SPECIFICATION

- DV: DOUBLE VERTICAL

AC

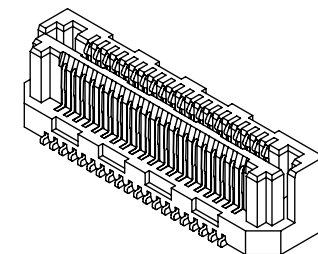


TABLE 3

LEADSTYLE	BODY	PIN
-01	LSS-XX-01-DV-A	C-185-01-X
-02	LSS-XX-02-DV-XX	C-185-02-X
-03	LSS-XX-03-DV-XX	C-185-03-X

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

DECIMALS ANGLES
.X: ± .3 [.01] 2°
.XX: ± .13 [.005]
.XXX: ± .051 [.0020]

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, COLOR: BLACK
CONTACT: PHOS BRONZE

SHEET SCALE: 4:1

samtec

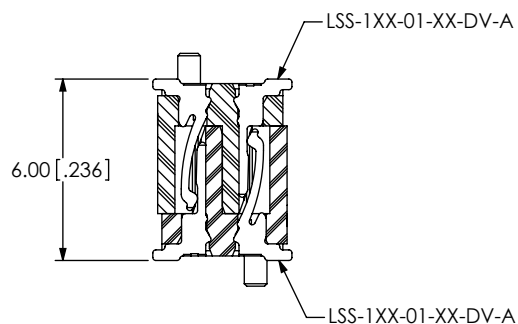
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .635mm TERMINAL/SOCKET COMBO

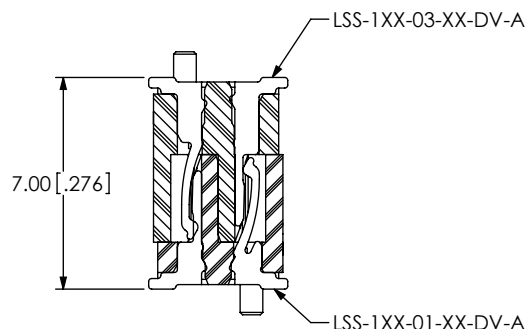
DWG. NO. LSS-1XX-XX-XX-DV-XX-XX

BY: CHAD F 07/01/2002 SHEET 1 OF 3

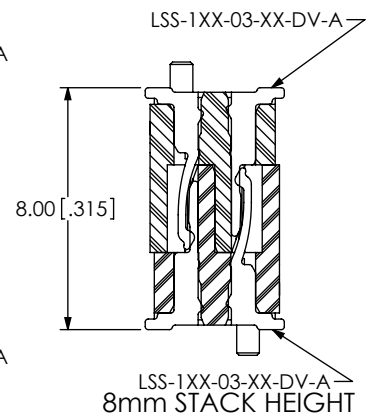
APPLICATION VIEWS



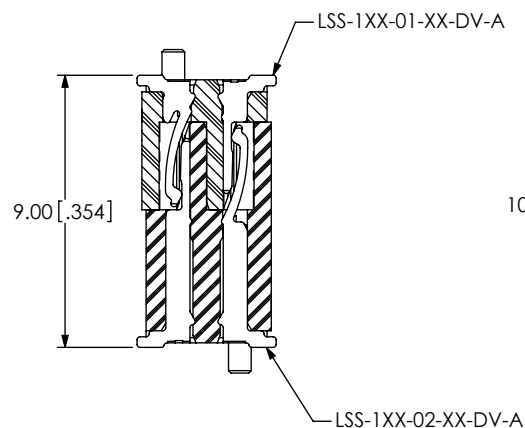
6mm STACK HEIGHT



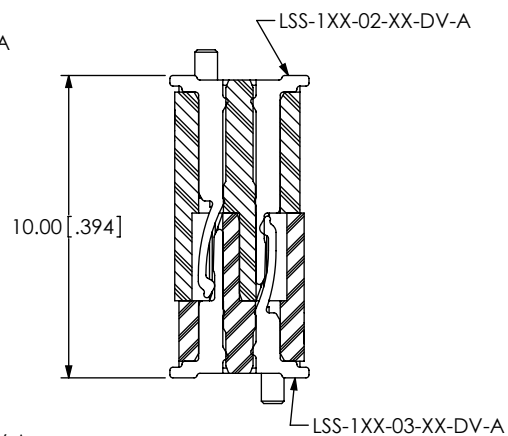
7mm STACK HEIGHT



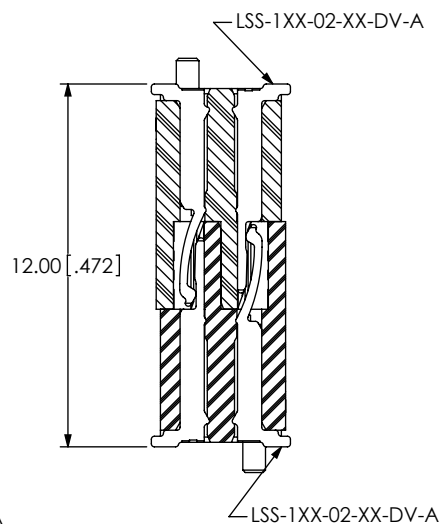
8mm STACK HEIGHT



9mm STACK HEIGHT

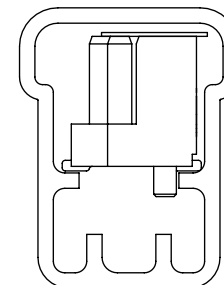


10mm STACK HEIGHT

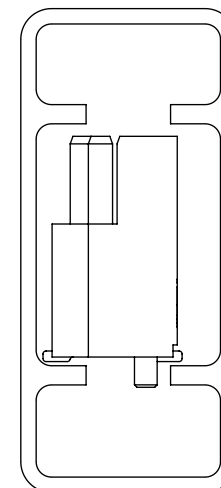


12mm STACK HEIGHT

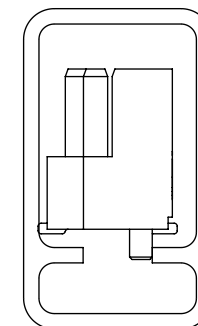
LEAD STYLE	OPTION	PACKAGING TUBE	PLUG
-01	-A	PT-1-24-13-09	TP-24
-02	-A, -LC	PT-1-24-05-29	TP-09
-03	-A, -LC	PT-1-24-11-09	TP-09



TUBE: PT-1-24-13-09
PLUG: TP-24



TUBE: PT-1-24-05-29
PLUG: TP-09



TUBE: PT-1-24-11-09
PLUG: TP-09

LOAD PARTS WITH PIN #1 IN DIRECTION OF ARROW.

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: 4:1

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:

.635mm TERMINAL/SOCKET COMBO

DWG. NO.

LSS-1XX-XX-XX-DV-XX-XX

BY: CHAD F

07/01/2002

SHEET 2 OF 3

FIG 3

-LC: LOCKING CLIP OPTION
(USE LC-08-TM-01)
-02 & -03 LEAD STYLES ONLY
(SEE NOTE 6, SHT. 1)

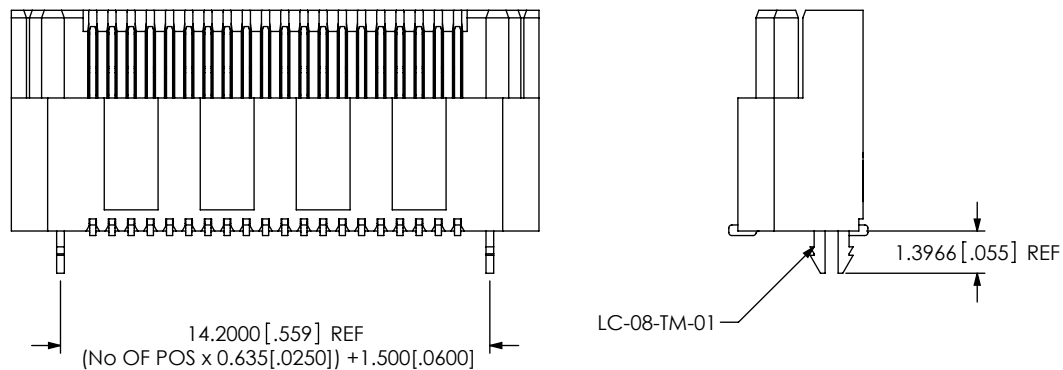
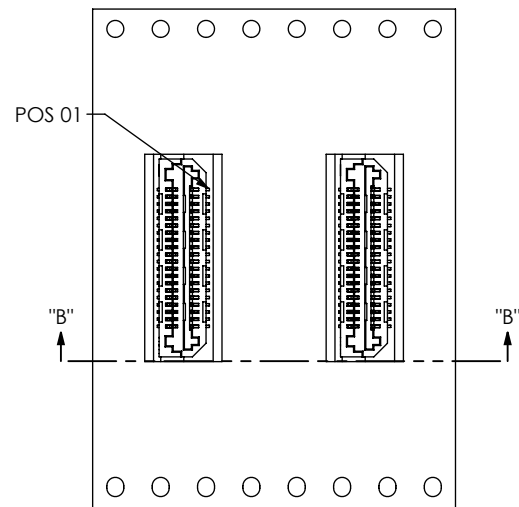
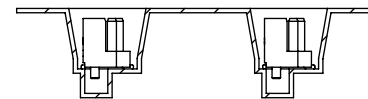


FIG 4

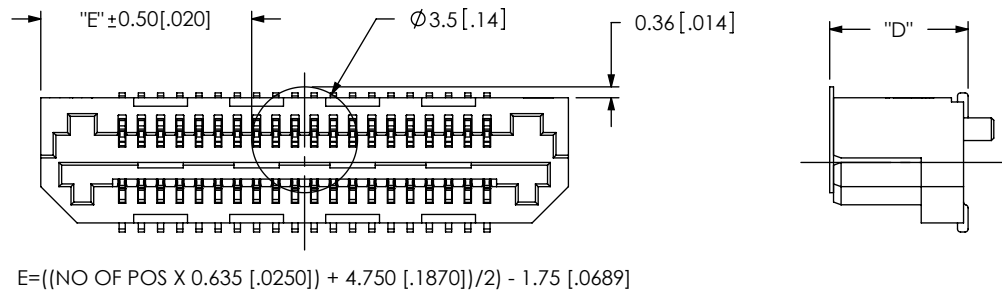


USER DIRECTION OF UN-REELING
POCKET NOT DETAILED



SECTION "B"-"B"
SCALE 1.5 : 1

TAPE & REEL



$$E = ((\text{NO OF POS} \times 0.635 [.0250]) + 4.750 [.1870]) / 2 - 1.75 [.0689]$$

FIG 2

-K: POLYIMIDE FILM OPTION
(USE K-500-300)

TABLE 2

BODY HT	"D"
-01	4.58 [.180]
-02	7.58 [.298]
-03	5.58 [.220]

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: 4:1

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:
.635mm TERMINAL/SOCKET COMBO

DWG. NO.
LSS-1XX-XX-XX-DV-XX-XX

BY: CHAD F 07/01/2002 SHEET 3 OF 3