

DESIGNED & DIMENSIONED IN MILLIMETERS (INCHES FOR REFERENCE)

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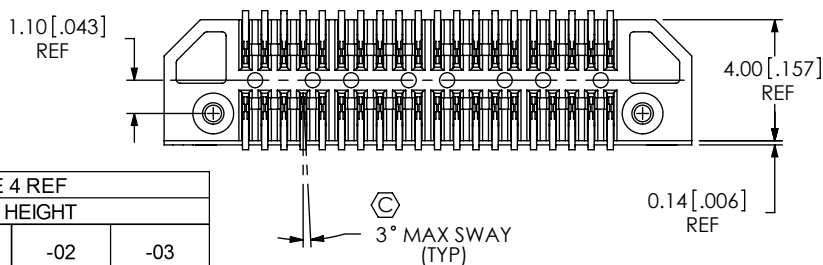
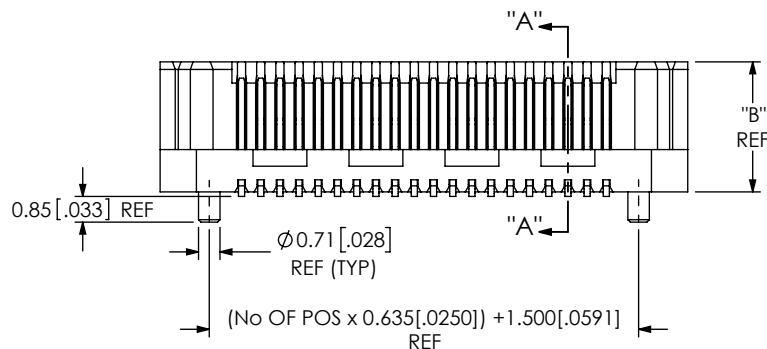
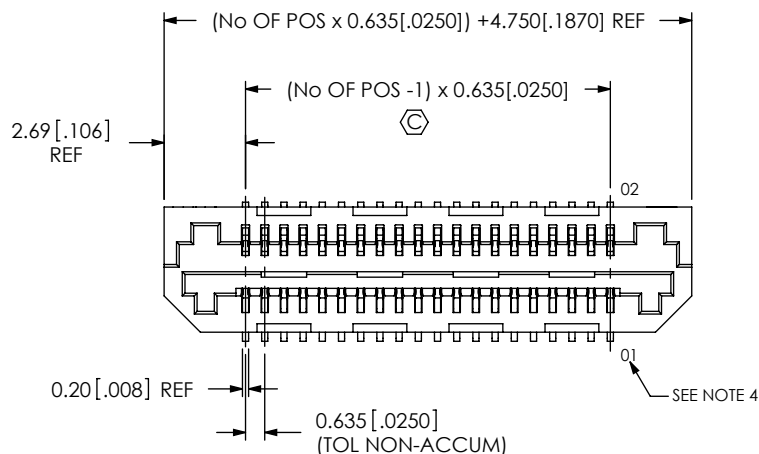


TABLE 4 REF STACK HEIGHT			
LSS LEAD STYLE	-01	-02	-03
-01	6.0MM		
-02	9.0MM	12.0MM	
-03	7.0MM	10.0MM	8.0MM

NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .038 [.0015].
- MINIMUM PUSHOUT FORCE; TERMINALS: .5 LBS, CONTACTS: .5 LB.
- PIN 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR.
- MEASURE FROM TOP OF VERTICAL WALL.
- MINIMUM PULL OUT FORCE FOR -LC IS .75 LB.
- FOR APPLICATIONS REQUIRING TWO OR MORE CONNECTORS PER BOARD, CONTACT IPG@SAMTEC.COM.

FIG 1
LSS-120-01-XX-DV-A SHOWN

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

NO OF POSITIONS
-05, -10, 20, -30, -40, -50
(PER ROW)

LEAD STYLE
-01: 3 mm (SEE TABLE 3)
-02: 6 mm (SEE TABLE 3)
-03: 4 mm (SEE TABLE 3)

PLATING SPECIFICATION

- L: 10μ" AU IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-LM)
- F: 3μ" AU IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-FM)
- H: 30μ" AU IN THE CONTACT AREA, 3μ" AU ON TAIL (USE C-185-XX-H)
- *-LM: 10μ" AU IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-LM)
- *-FM: 3μ" AU IN CONTACT AREA, MATTE TIN ON TAIL (USE C-185-XX-FM)

OPTION

- K: POLYIMIDE FILM (USE K-DOT-.138-.250-.005) (SEE FIG 2, SHT 2)
- TR: TAPE & REEL (SEE FIG 4, SHT 2)

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 2) (SEE NOTE 6)

ROW SPECIFICATION

- DV: DOUBLE VERTICAL

* = FOR EXISTING CUSTOMERS ONLY

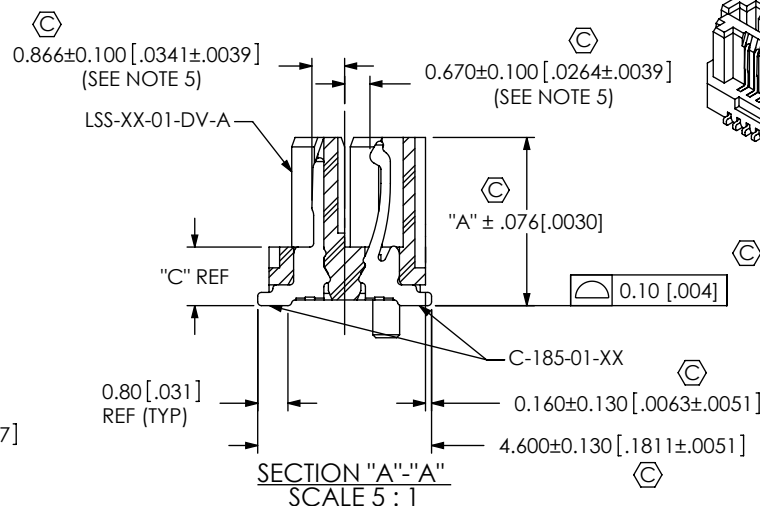


TABLE 1			
BODY HT	"A"	"B"	"C"
-01	4.496 [.1770]	4.300 [.1693]	1.596 [.0628]
-02	7.493 [.2950]	7.300 [.2874]	4.593 [.1808]
-03	5.493 [.2163]	5.300 [.2087]	2.593 [.1021]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES ARE:

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

PROPRIETARY NOTE

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE

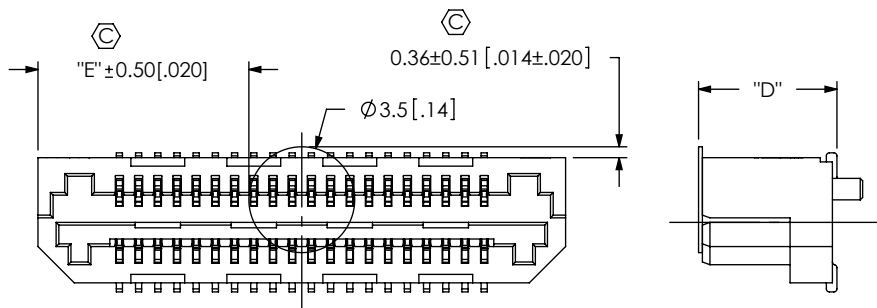
SHEET SCALE: 4:1

DESCRIPTION: .635mm TERMINAL/SOCKET COMBO

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

BY: CHAD F 07/01/2002 SHEET 1 OF 2

FIG 2
-K: POLYIMIDE FILM OPTION
(USE K-DOT-.138-.250-.005)



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

TABLE 2	
BODY HT	"D"
-01	4.58 [.180]
-02	7.58 [.298]
-03	5.58 [.220]

FIG 3
-LC: LOCKING CLIP OPTION
(USE LC-08-TM-01)
-02 & -03 LEAD STYLES ONLY
(SEE NOTE 6, SHT. 1)

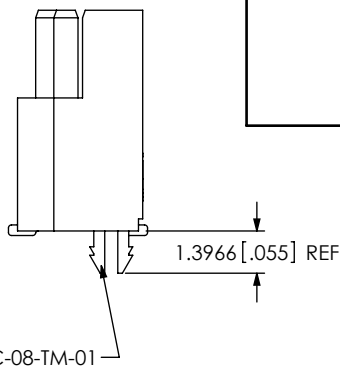
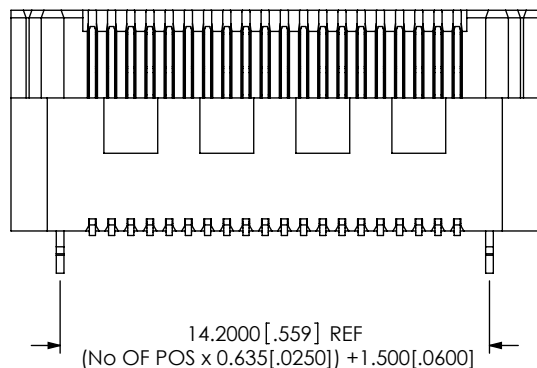
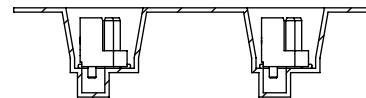
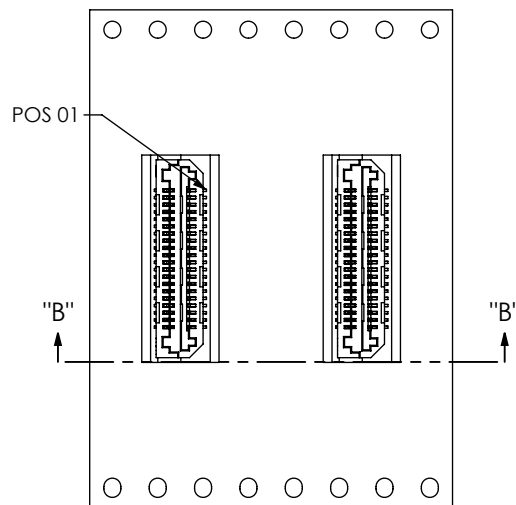


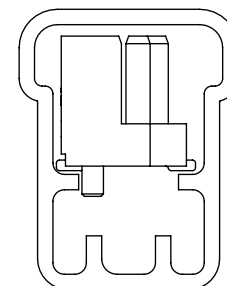
FIG 4



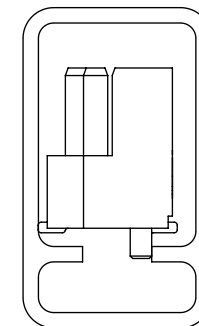
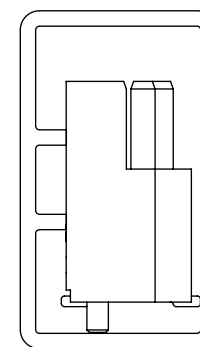
SECTION "B"-"B"
SCALE 1.5 : 1

TAPE & REEL

LEAD STYLE	OPTION	PACKAGING TUBE	PLUG
-01	-K, -A	PT-1-24-13-09	TP-24
-02	-K, -A, -LC	PT-1-24-01-25	TP-03
-03	-K, -A, -LC	PT-1-24-11-09	TP-09



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



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

LOAD PARTS WITH PIN #1 IN DIRECTION OF ARROW.

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