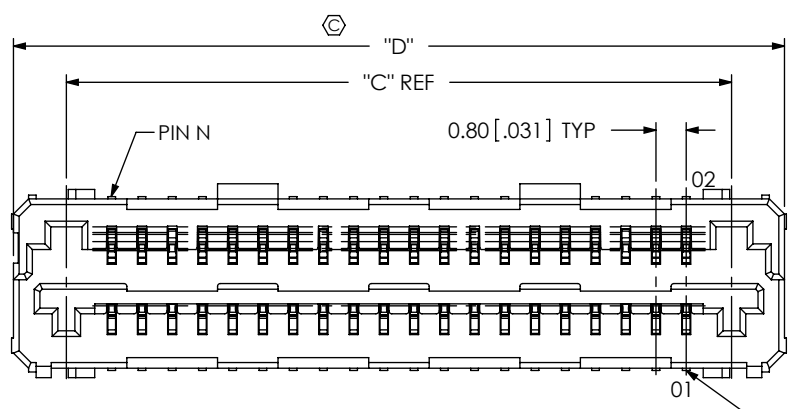


DO NOT SCALE FROM THIS PRINT



LSEM-1XX-XX.X-X-DV-A-X-XX-TR

No OF POSITIONS
20,30,40,50

LEAD STYLE
*-02.5
-03.0
-04.0
-06.0

PACKAGING (SEE NOTE 6)
-TR: TAPE & REEL

OPTION
-K: POLYIMIDE FILM (USE K-500-300, SEE FIG. 3, SHT 3)
*-WT: WELD TAB (USE WT-36-XX-T, SEE FIG. 4, SHT 3) (NOT AVAILABLE WITH *-S)

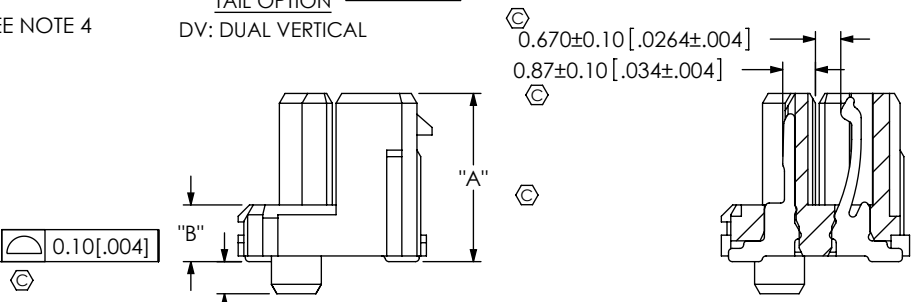
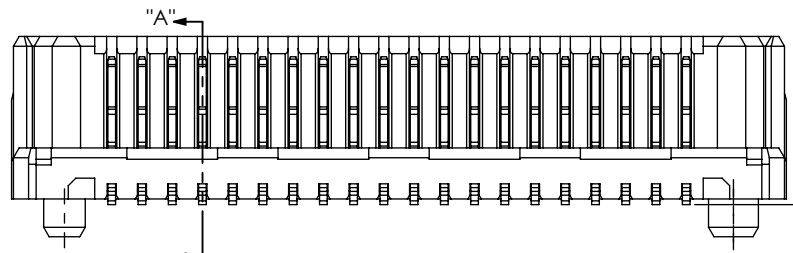
SHIELD
*-S: WITH SHIELD (NOT AVAILABLE WITH *-WT)
-N: NO SHIELD

-A: ALIGNMENT PIN

* = NOT TOOLED

D PLATING SPECIFICATION (VALUES GIVEN ARE IN MICRO-INCHES)
F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL

TAIL OPTION
DV: DUAL VERTICAL



SECTION "A"- "A"
SCALE 5:1

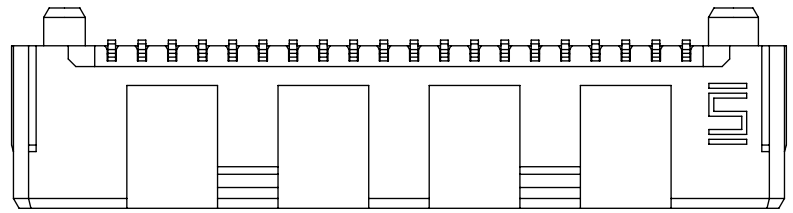
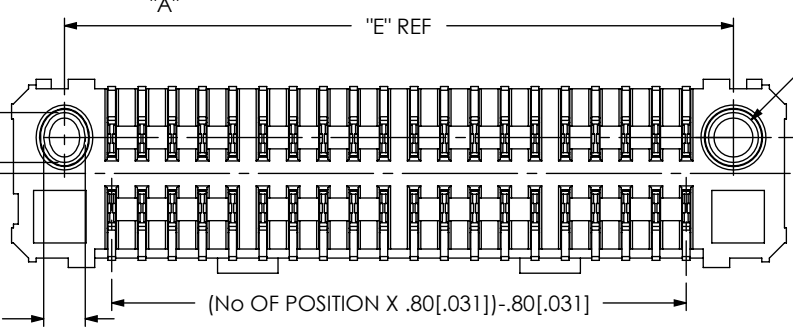


FIG 1
(LSEM-1XX-XX.X-X-DV-A-N-XX SHOWN)

- NOTES:
1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
 2. BURR ALLOWANCE: .038 [.0015].
 3. MINIMUM PUSHOUT FORCE; TERMINALS: 2.22 N [.5 LBS]. CONTACTS: 2.22 N [.5 LBS].
 4. WHEN MATING WITH ANOTHER LSEM-DV, 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR. WHEN MATING WITH A LSEM-DH, PIN 01 WILL MATE WITH PIN N, WHERE N = TOTAL NUMBER OF POSITIONS.
 5. MEASURE FROM TOP OF VERTICAL WALL.
 6. FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PCS., NO LEADER OR TRAILER WILL BE SUPPLIED.

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS (INCHES). TOLERANCES ARE: DECIMALS ANGLES X.X: ±0.3 [.01] 2° X.XX: ±0.13 [.005] X.XXX: ±0.051 [.0020]</p>	<p>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.</p>	<p>samtec 520 PARK EAST BLVD., NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322</p>
<p>MATERIAL: DO NOT SCALE DRAWING INSULATOR: BLACK LCP, UL 94 VO CONTACT OR TERMINAL: PHOS BRONZE SHIELD: STAINLESS STEEL</p>	<p>SHEET SCALE: 2:1</p>	<p>DESCRIPTION: 0.8mm PITCH TERMINAL/SOCKET COMBO</p> <p>DWG. NO. LSEM-1XX-XX.X-X-DV-A-X-XX-TR</p> <p>BY: CHADP 04/01/2009 SHEET 1 OF 3</p>

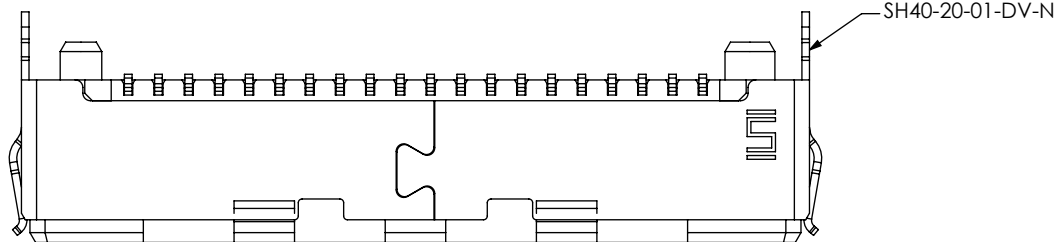
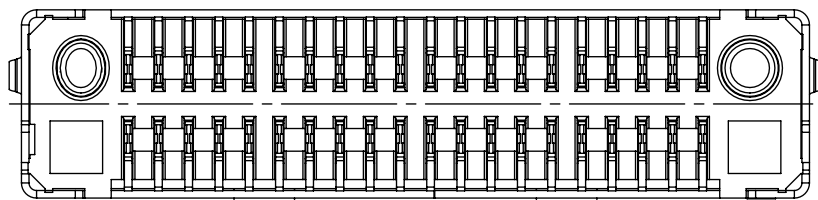
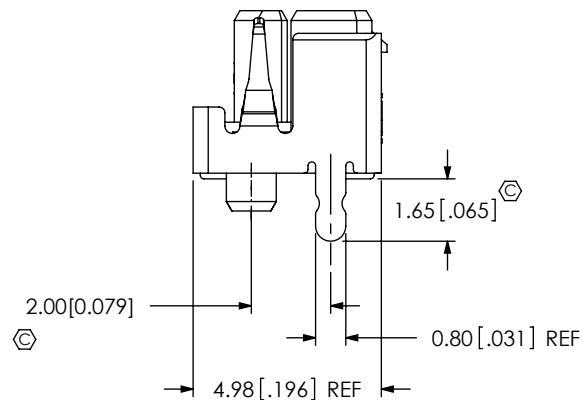
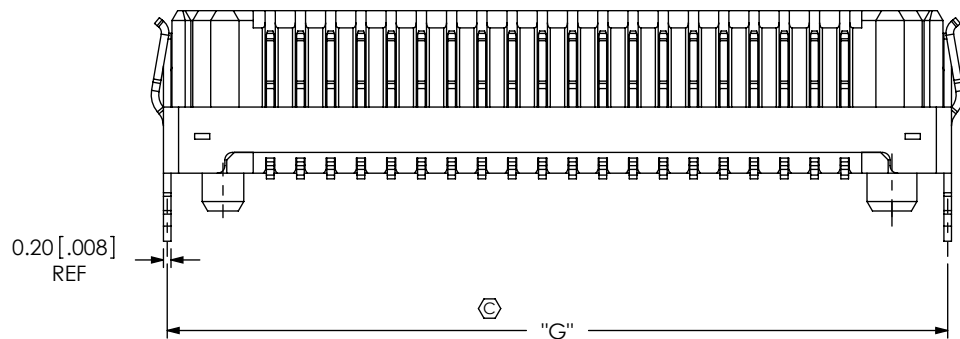
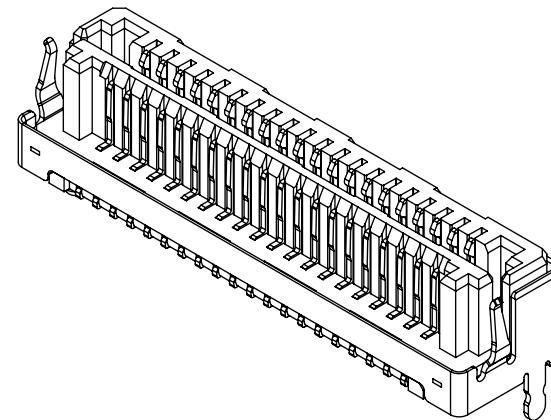
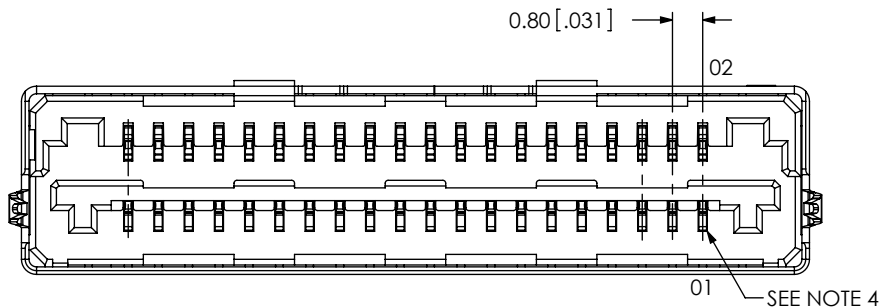


FIG 2 -S OPTION
 * LSEM-1XX-XX.X-X-DV-A-S SHOWN
 (SAME AS FIG1 DIFFERENT AS SHOWN)
 (* =NOT TOOLED)

F:\DWG\MISC\MKTG\LSEM-1XX-XX.X-X-DV-A-X-XX-TR-MKT.SLDDRW


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	<p>520 PARK EAST BLVD., NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>	
	<p>DESCRIPTION: 0.8mm PITCH TERMINAL/SOCKET COMBO</p>	
	<p>DWG. NO. LSEM-1XX-XX.X-X-DV-A-X-XX-TR</p>	
<p>BY: CHADP</p>	<p>04/01/2009</p>	<p>SHEET 2 OF 3</p>

TABLE 2								
No OF POS	"C"	"D"	"E"	"F"	"G"	"H"	"L"	"M"
-20	17.60 [0.693]	20.40 [0.803]	17.70 [0.697]	15.2 [0.598]	20.65 [0.813]	7.48 [0.294]	23.36 [0.920]	21.72 [0.855]
-30	25.60 [1.008]	28.40 [1.118]	25.70 [1.012]	23.2 [0.913]	28.65 [1.128]	11.48 [0.452]	31.36 [1.235]	29.72 [1.170]
-40	33.60 [1.323]	36.40 [1.433]	33.70 [1.327]	31.2 [1.228]	36.65 [1.443]	15.48 [0.609]	39.36 [1.550]	37.72 [1.485]
-50	41.60 [1.638]	44.40 [1.748]	41.70 [1.642]	39.2 [1.543]	44.65 [1.758]	19.48 [0.767]	47.36 [1.865]	45.72 [1.800]

TABLE 3					
LEAD STYLE	PLATING	SHIELD	BODY	CONTACT	SHIELD
*-02.5	-L	N	LSEM-XX-02.5-DV-A	C-261-01-L	N/A
	-F			C-261-01-F	
-03.0	-L	N	LSEM-XX-03.0-DV-A	C-185-01-LM	N/A
	-F			C-185-01-FM	
-04.0	-L	N	LSEM-XX-04.0-DV-A	C-185-03-LM	N/A
	-F			C-185-03-FM	
-06.0	-L	N	LSEM-XX-06.0-DV-A	C-185-02-LM	N/A
	-F			C-185-02-FM	
*-02.5	-L	S	LSEM-XX-02.5-DV-A	C-261-01-L	SH40-XX-02.5-DV-N
	-F			C-261-01-F	
-03.0	-L	S	LSEM-XX-03.0-DV-A	C-185-01-LM	SH40-XX-03.0-DV-N
	-F			C-185-01-FM	
-04.0	-L	S	LSEM-XX-04.0-DV-A	C-185-03-LM	SH40-XX-04.0-DV-N
	-F			C-185-03-FM	
-06.0	-L	S	LSEM-XX-06.0-DV-A	C-185-02-LM	SH40-XX-06.0-DV-N
	-F			C-185-02-FM	

(* =NOT TOOLED)

TABLE 1				
STYLE	"A"	"B"	"K"	"N"
*-02.5	3.95 [0.156]	1.00 [0.039]	4.08 [0.161]	0.09 [0.004]
-03.0	4.45 [0.175]	1.50 [0.059]	4.58 [0.180]	0.59 [0.023]
-04.0	5.45 [0.215]	2.50 [0.098]	5.58 [0.220]	0.31 [0.012]
-06.0	7.45 [0.293]	4.50 [0.177]	6.58 [0.259]	0.50 [0.020]

(* = NOT TOOLED)

TABLE 4	
STYLE	WELD TAB
*-02.5	WT-36-06-T
-03.0	WT-36-06-T
-04.0	WT-36-01-T
-06.0	WT-36-03-T

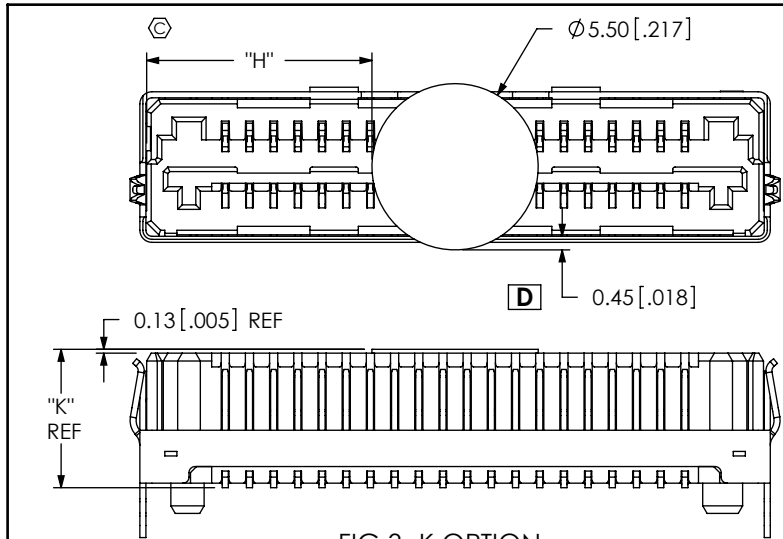


FIG 3 -K OPTION
*LSEM-120-03.0-X-DV-A-S-K SHOWN
(SAME AS FIG 2 DIFFERENT AS SHOWN)
(* =NOT TOOLED)

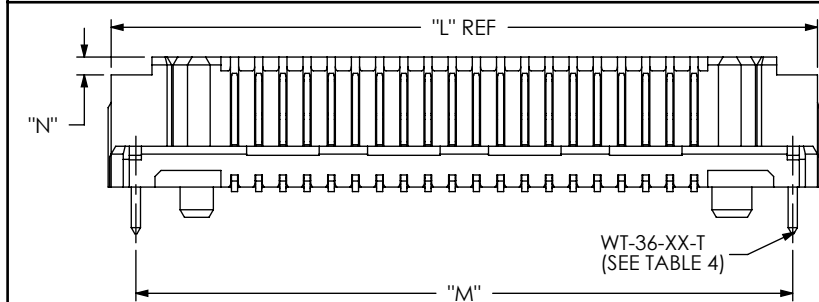


FIG 4 *-WT OPTION
* LSEM-1XX-XX.X-X-DV-A-S-WT SHOWN
(SAME AS FIG 1 DIFFERENT AS SHOWN)
(* =NOT TOOLED)

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SHEET SCALE: 5:1

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
0.8mm PITCH TERMINAL/SOCKET COMBO

DWG. NO.
LSEM-1XX-XX.X-X-DV-A-X-XX-TR

BY: CHADP 04/01/2009 SHEET 3 OF 3