

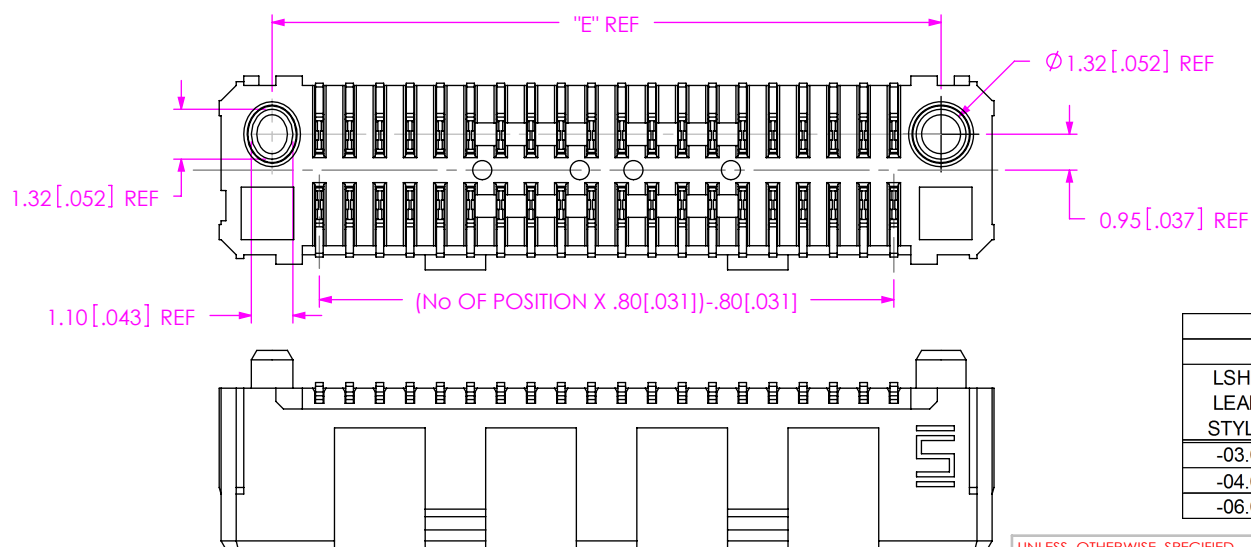
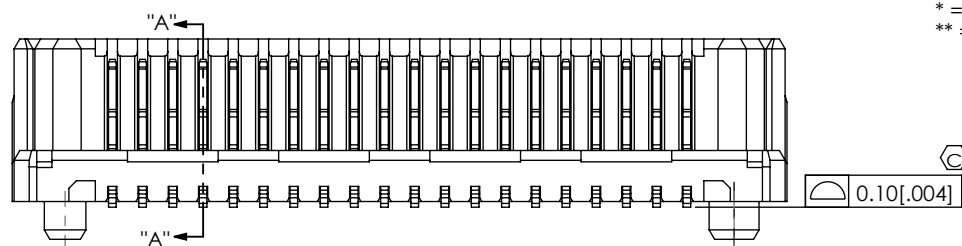
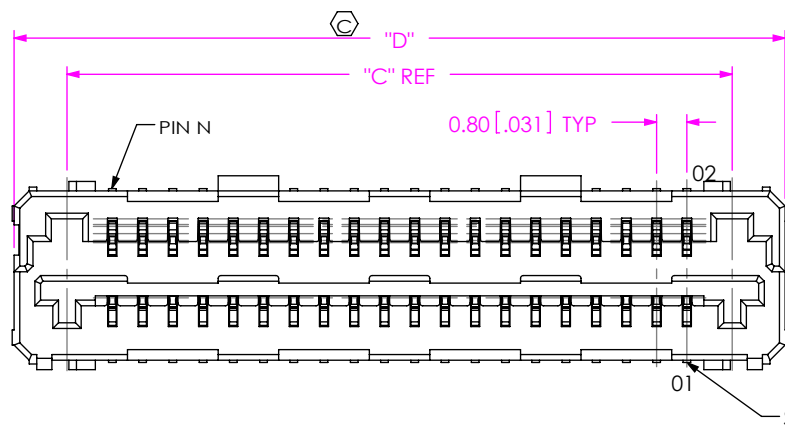
DO NOT
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FIG 1

(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.

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

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

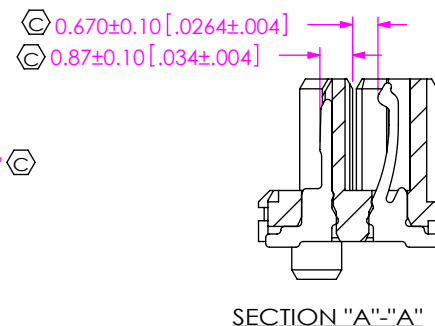
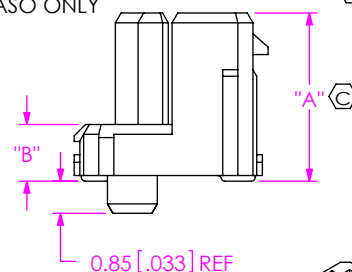
No OF POSITIONS
20,30,40,50LEAD STYLE
* -02.5
-03.0
-04.0
-06.0

PLATING SPECIFICATION

- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (NOT AVAILABLE ON 02.5 LEAD STYLE)

TAIL OPTION

DV: DUAL VERTICAL

* = NOT TOOLED
** = ASO ONLY

SECTION "A"- "A"

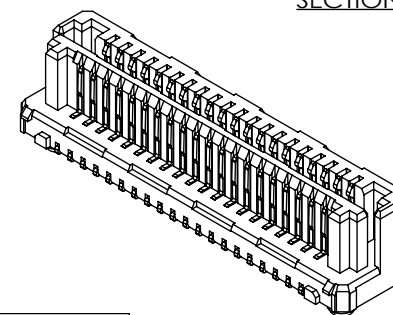


TABLE 5 REF STACK HEIGHT				
LSHM LEAD STYLE	-03.0	-04.0	-06.0	
-03.0	6.0MM			
-04.0	7.0MM	8.0MM		
-06.0	9.0MM	10.0MM	12.0MM	

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS[INCHES].
TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [.01]
X.XX: ±0.13 [.005]
X.XXX: ±0.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: BLACK LCP, UL 94 V0
CONTACT OR TERMINAL: PHOS BRONZE
SHIELD: STAINLESS STEEL

SHEET SCALE: 5:1

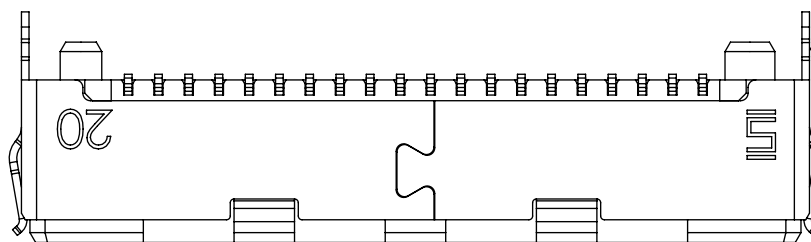
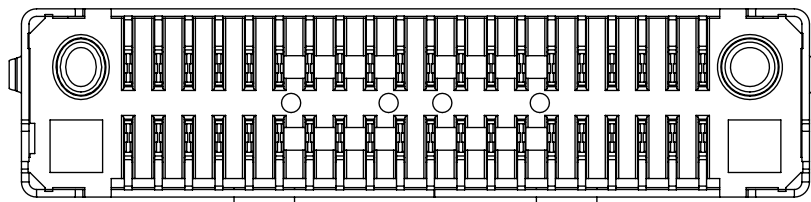
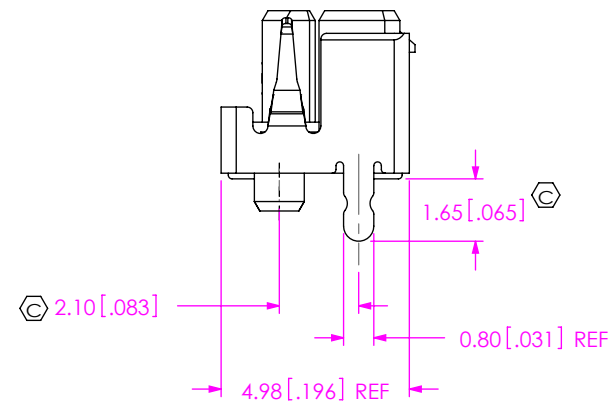
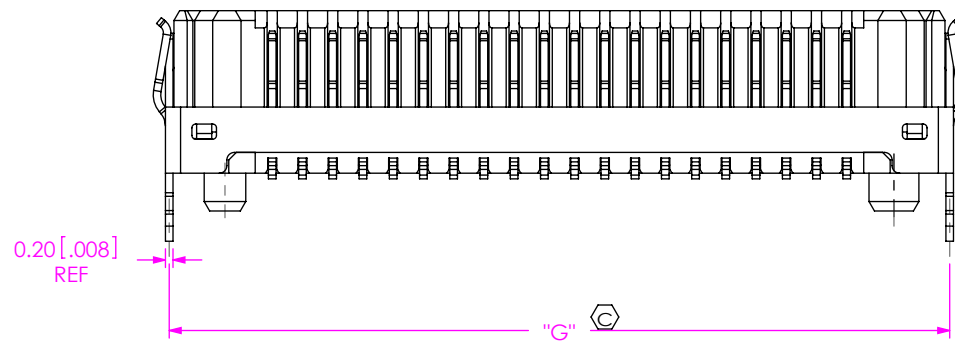
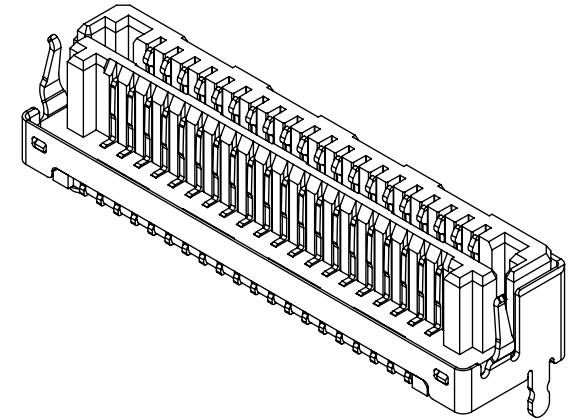
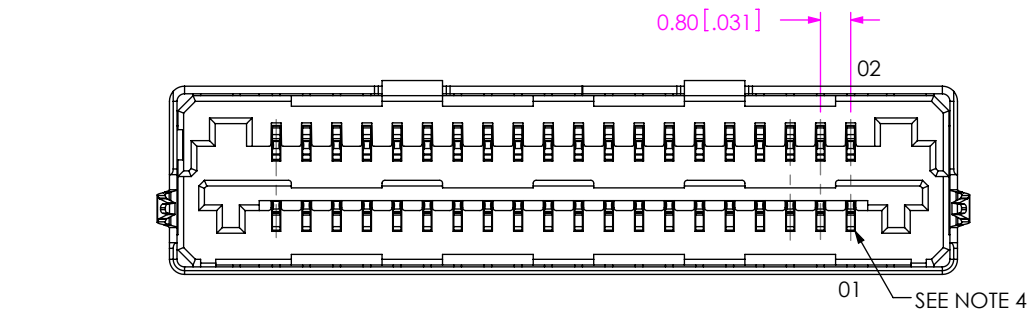
samtec

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

DESCRIPTION:
0.8mm PITCH TERMINAL/SOCKET COMBO

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

BY: CHADP 04/01/2009 SHEET 1 OF 3



SH40-20-XX.X-DV-N
(SEE TABLE 3, SHT 3)

FIG 2 -S OPTION

** LSEM-1XX-XX.X-X-DV-A-S SHOWN
(SAME AS FIG1 DIFFERENT AS SHOWN)
(** = ASO ONLY)

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

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SHEET SCALE: 5:1

samtec

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e-Mail: info@SAMTEC.com code 55322

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0.8mm PITCH TERMINAL/SOCKET COMBO

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

BY: CHADP 04/01/2009 SHEET 2 OF 3

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]

TABLE3					
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	
	-S			C-185-01-SM	
-04.0	-L	N	LSEM-XX-04.0-DV-A	C-185-03-LM	N/A
	-F			C-185-03-FM	
	-S			C-185-03-SM	
-06.0	-L	N	LSEM-XX-06.0-DV-A	C-185-02-LM	N/A
	-F			C-185-02-FM	
	-S			C-185-02-SM	
*-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	
	-S			C-185-01-SM	
-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	
	-S			C-185-03-SM	
-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	
	-S			C-185-02-SM	

(* = NOT TOOLED)
(** = ASO ONLY)

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]	7.58 [0.298]	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

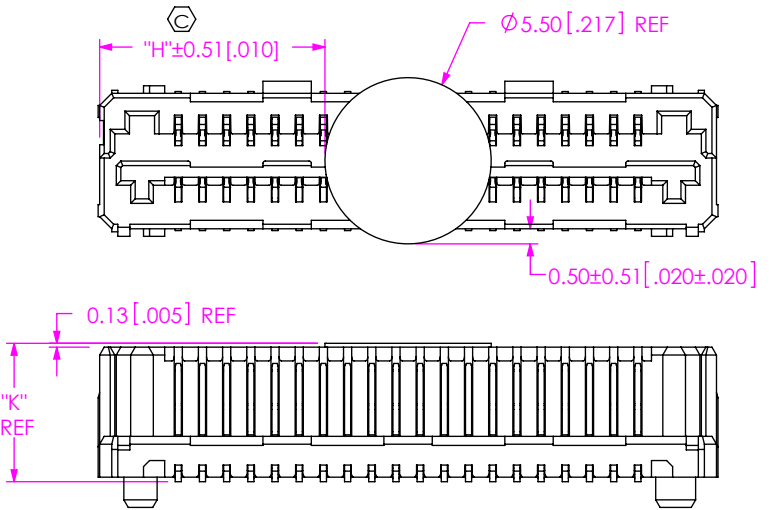


FIG 3 -K OPTION
LSEM-120-03.0-X-DV-A-N-K SHOWN
(SAME AS FIG 2 DIFFERENT AS SHOWN)

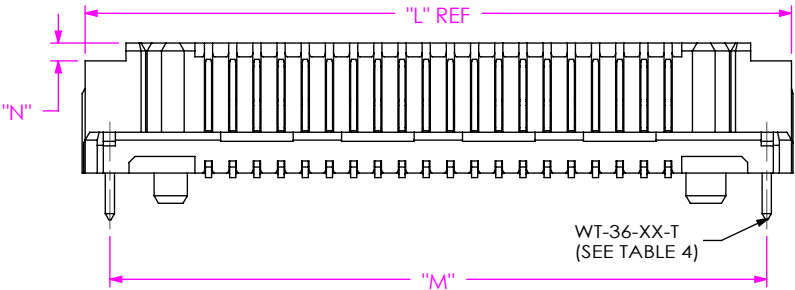


FIG 4 *-WT OPTION
* LSEM-1XX-XX.X-X-DV-A-N-WT SHOWN
(SAME AS FIG 1 DIFFERENT AS SHOWN)
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BY: CHADP 04/01/2009 SHEET 3 OF 3

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