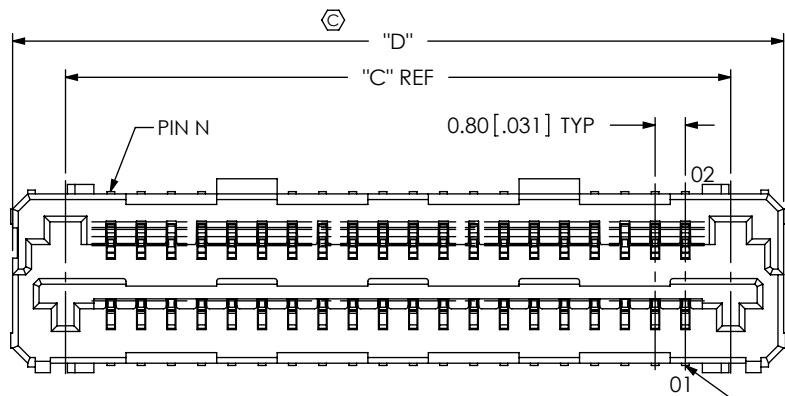


DO NOT SCALE FROM THIS PRINT



SEE NOTE 4

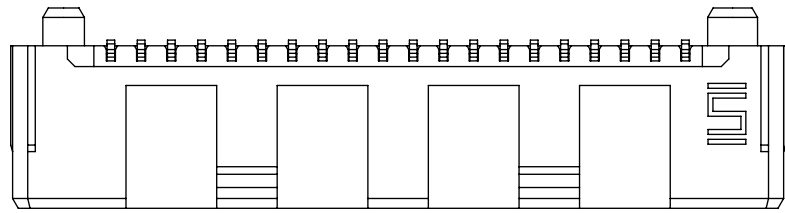
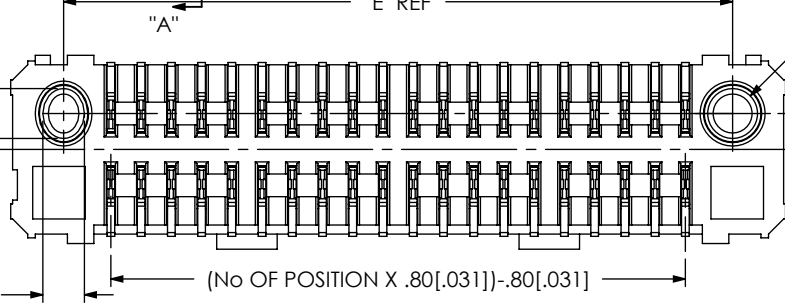
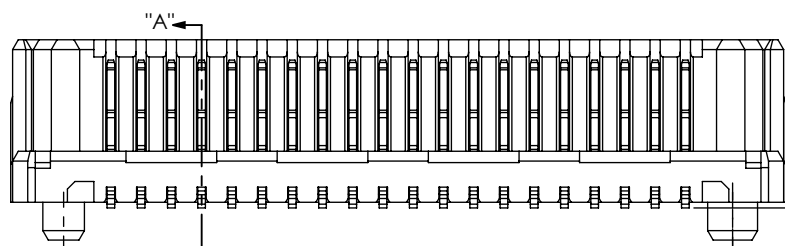


FIG 1  
(LSEM-1XX-XX.X-X-DV-A-N-XX SHOWN)

- 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.

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

PLATING SPECIFICATION  
F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL  
L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

TAIL OPTION  
DV: DUAL VERTICAL

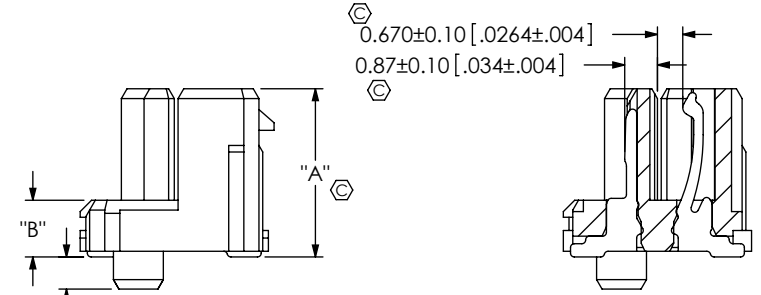
PACKAGING(SEE NOTE 6)  
-TR: TAPE & REEL

OPTION  
-K: POLYIMIDE FILM (USE K-DOT-.217-.313-.005) (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



SECTION "A"-A"  
SCALE 5:1

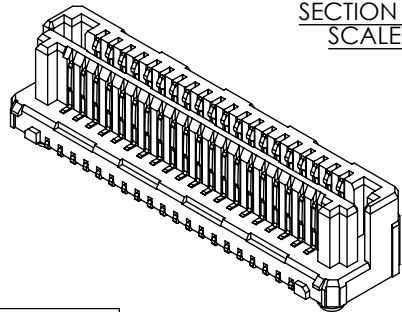


TABLE 5 REF STACK HEIGHT			
LSTM LEAD STYLE	-03.0	-04.0	-06.0
-03.0	6.0MM		
-04.0	7.0MM	8.0MM	
-06.0	9.0MM	10.0MM	12.0MM

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS(INCHES). TOLERANCES ARE: DECIMALS ANGLES X.X: ±0.3 [.01] 2° X.XX: ±0.13 [.005] X.XXX: ±0.051 [.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.		
		520 PARK EAST BLVD. NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 55322	
MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1 INSULATOR: BLACK LCP, UL 94 V0 CONTACT OR TERMINAL: PHOS BRONZE SHIELD: STAINLESS STEEL		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	

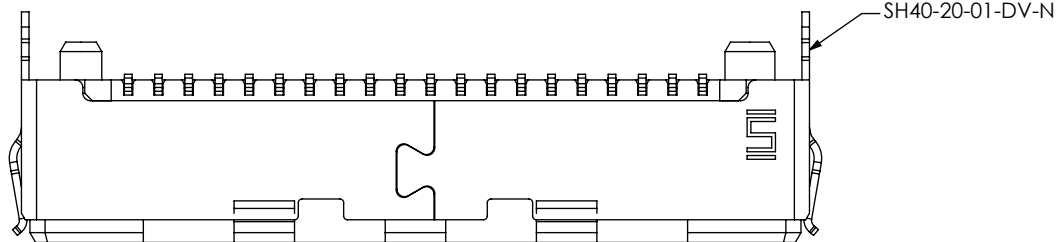
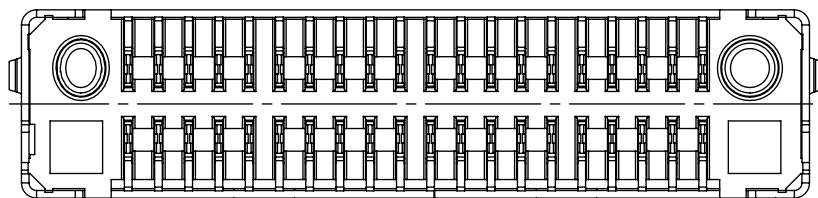
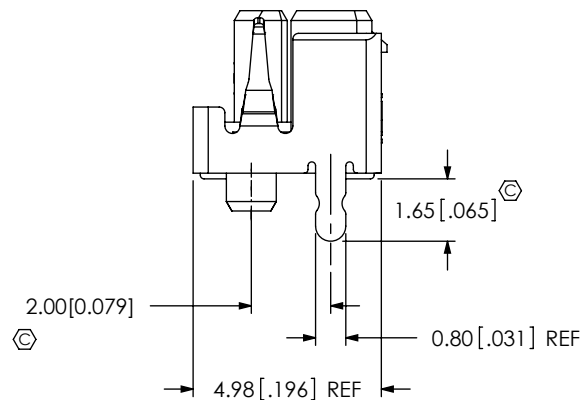
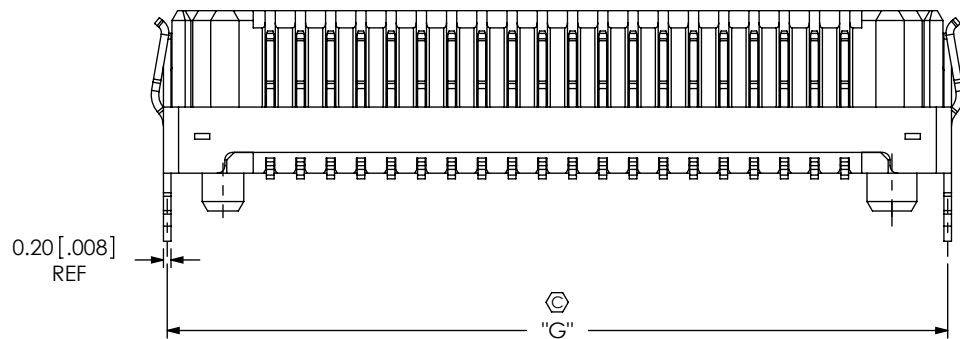
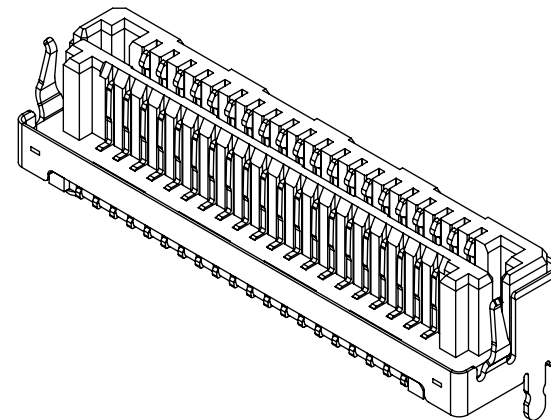
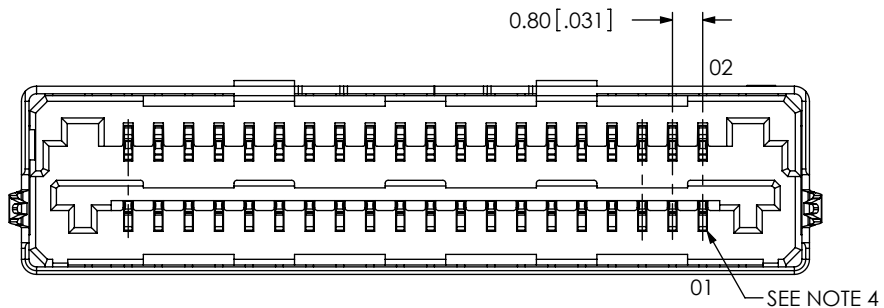



FIG 2 -S OPTION  
 \* LSEM-1XX-XX.X-X-DV-A-S SHOWN  
 (SAME AS FIG1 DIFFERENT AS SHOWN)  
 (\* =NOT TOOLED)

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>

REVISION K

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]	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

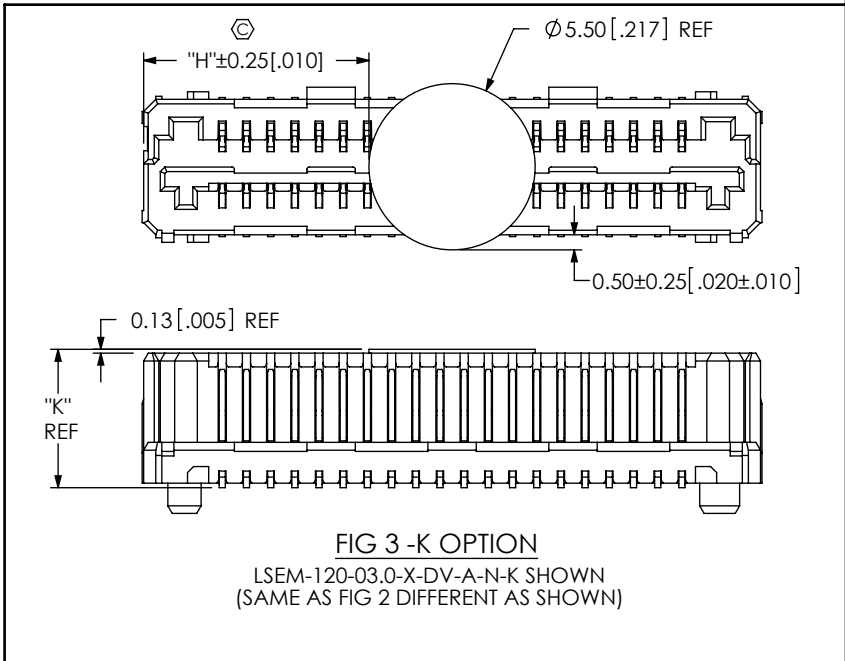


FIG 3 -K OPTION  
LSEM-120-03.0-X-DV-A-N-K SHOWN  
(SAME AS FIG 2 DIFFERENT AS SHOWN)

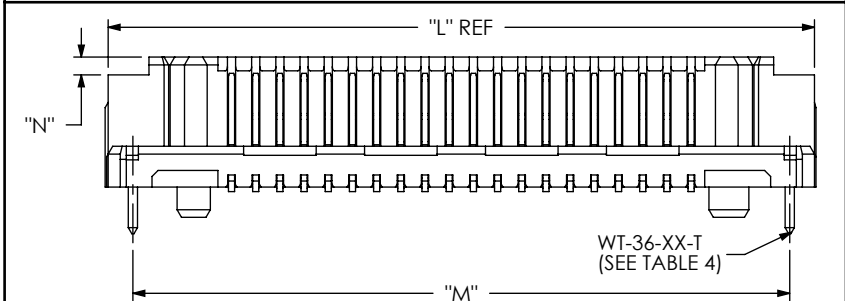


FIG 4 \*-WT OPTION  
\* LSEM-1XX-XX.X-X-DV-A-S-WT SHOWN  
(SAME AS FIG 1 DIFFERENT AS SHOWN)  
(\* =NOT TOOLED)

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SHEET SCALE: 5:1

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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 3 OF 3