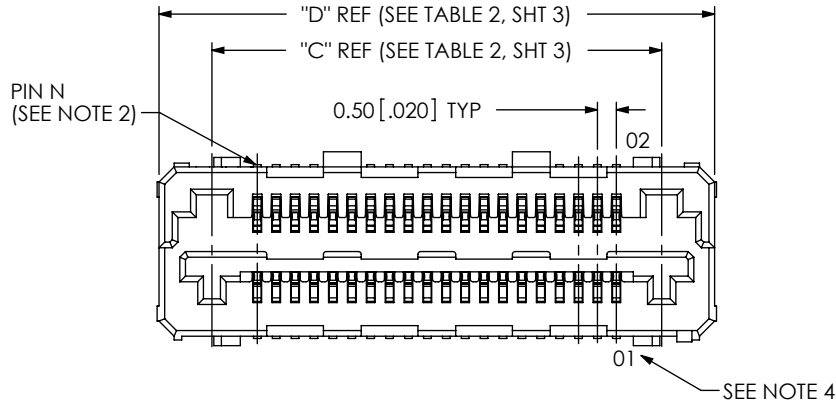


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SCALE FROM
THIS PRINT



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

No OF POSITIONS
20,30,40,50

LEAD STYLE
-02.5
-03.0
-04.0
-06.0
-L2.5: LUBRICATED
-L3.0: LUBRICATED
-L4.0: LUBRICATED
-L6.0: LUBRICATED

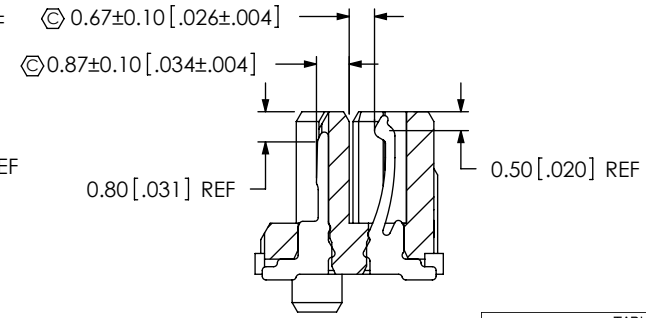
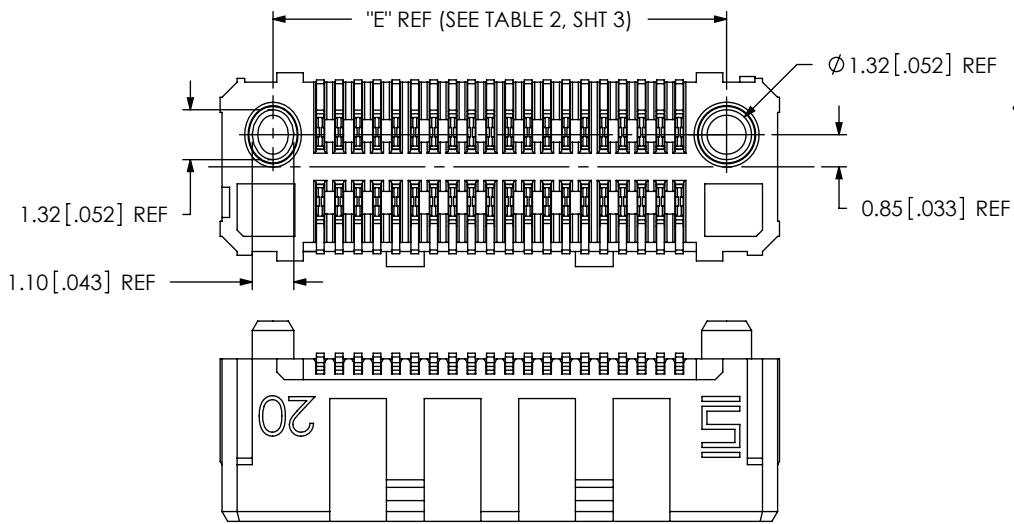
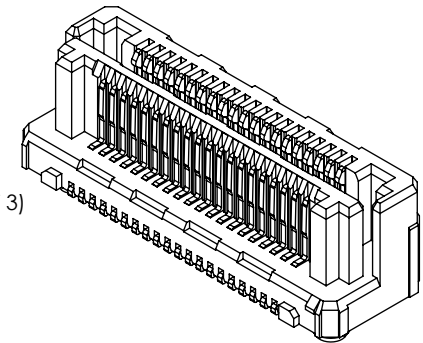
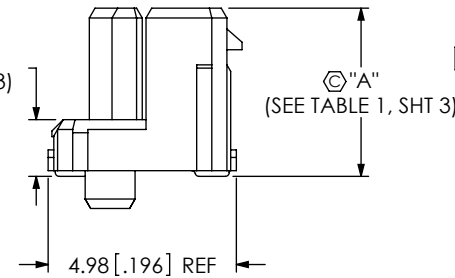
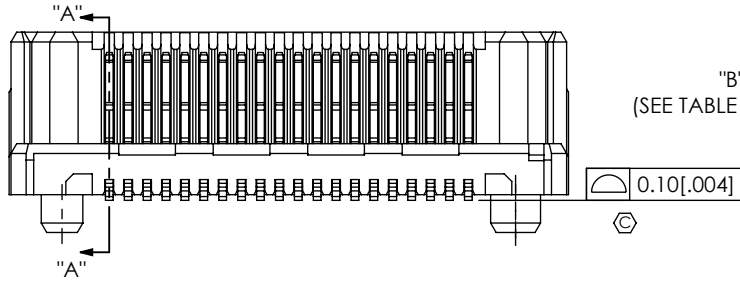
PACKAGING(SEE NOTE 6)
-TR: TAPE & REEL

OPTION
-K: POLYIMIDE FILM
(USE K-500-300,SEE FIG. 3, SHT 3)

SHIELD
S: WITH SHIELD
N: NO SHIELD

TAIL OPTION
DV:VERTICAL

PLATING SPECIFICATION
-L: 10u"(0.25u"m)GOLD (MATTE TIN TAILS)
-F: GOLD FLASH (MATTE TIN TAILS)



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

TABLE 4 REF STACK HEIGHT				
LSHM LEAD STYLE	-02.5	-03.0	-04.0	-06.0
-02.5	5.0MM			
-03.0	5.5MM	6.0MM		
-04.0	6.5MM	7.0MM	8.0MM	
-06.0	8.5MM	9.0MM	10.0MM	12.0MM

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 LSHM-DV, PIN 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR. WHEN MATING WITH A LSHM-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.

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS(INCHES). TOLERANCES ARE: X.X: ±0.3 [.01] 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.	samtec 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 INSULATOR: VECTRA E130i CONTACT OR TERMINAL: PHOS BRONZE SHIELD: SUS304	SHEET SCALE: 2:1	DESCRIPTION: 0.50mm TERMINAL/SOCKET COMBO DWG. NO. LSHM-1XX-XX.X-XX-DV-A-X-X-TR BY: AGEN H 10/30/2008 SHEET 1 OF 3

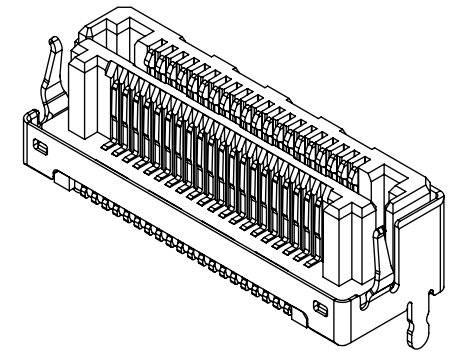
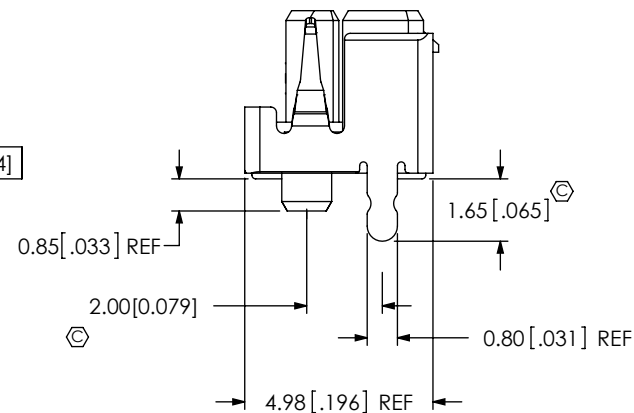
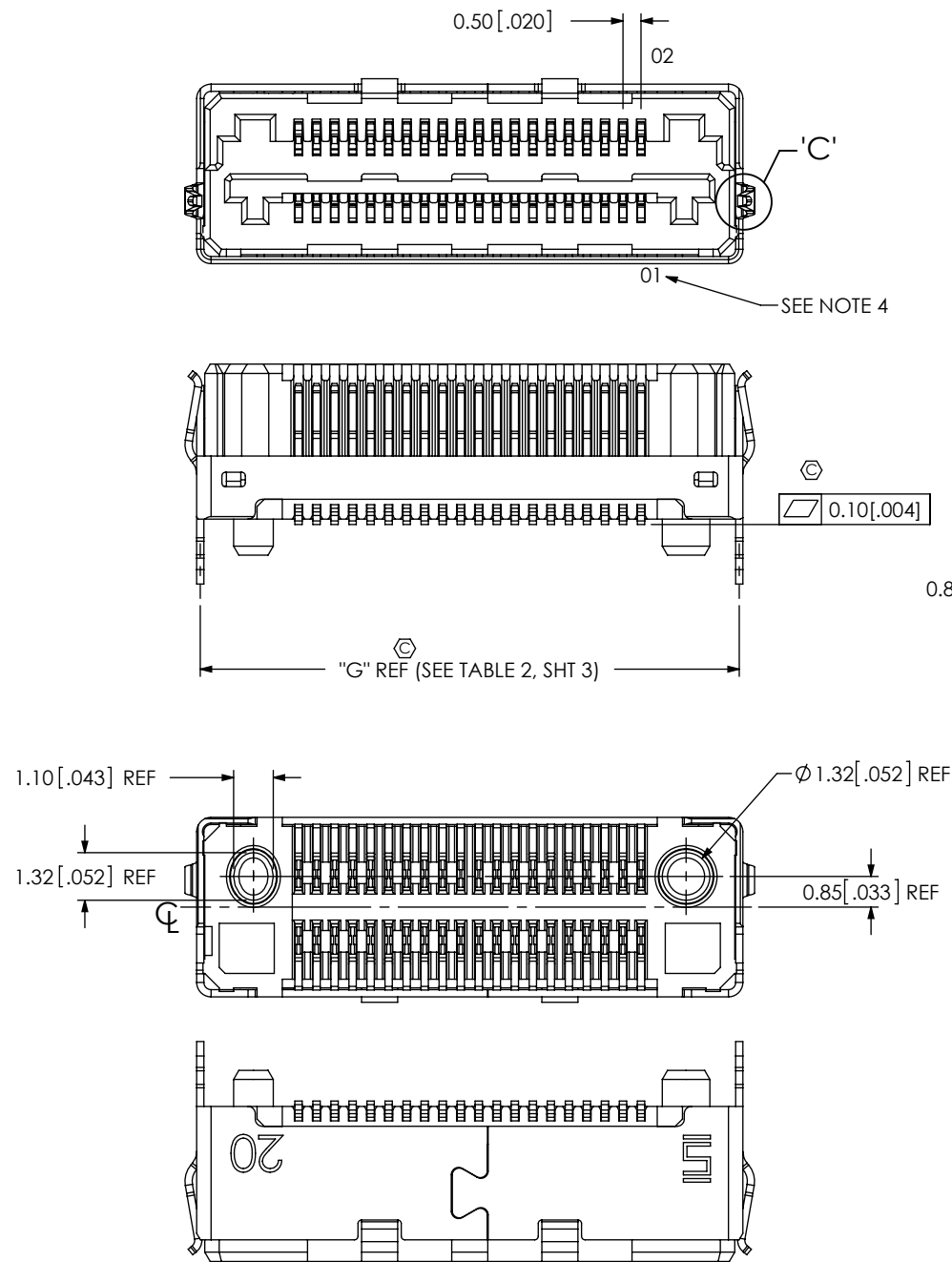


FIG 2
(LSHM-1XX-XX.X-DV-A-S-X-TR SHOWN)

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

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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:
0.50mm TERMINAL/SOCKET COMBO

DWG. NO.
LSHM-1XX-XX.X-XX-DV-A-S-X-TR

BY: AGEN H 10/30/2008 SHEET 2 OF 3

TABLE 1

STYLE	"A"	"B"	"J"
-02.5	3.95 [0.156]	1.00 [0.039]	4.10 [0.161]
-03.0	4.45 [0.175]	1.50 [0.059]	4.60 [0.181]
-04.0	5.45 [0.215]	2.50 [0.098]	5.60 [0.220]
-06.0	7.45 [0.293]	4.50 [0.177]	7.60 [0.299]

TABLE 2

No OF POS	"C"	"D"	"E"	"F"	"G"	"H"
-20	11.90 [0.469]	14.70 [0.579]	12.00 [0.472]	15.15 [0.596]	14.95 [0.589]	5.60 [0.220]
-30	16.90 [0.665]	19.70 [0.776]	17.00 [0.669]	20.15 [0.793]	19.95 [0.785]	8.10 [0.319]
-40	21.90 [0.862]	24.70 [0.972]	22.00 [0.866]	25.15 [0.990]	24.95 [0.982]	10.60 [0.417]
-50	26.90 [1.059]	29.70 [1.169]	27.00 [1.063]	30.15 [1.187]	29.95 [1.179]	13.10 [0.516]

TABLE 3

LEAD STYLE	PLATING	SHIELD	BODY	CONTACT	SHIELD
-02.5	-L	N	LSHM-XX-02.5-DV-A	C-261-01-L	N/A
	-F			C-261-01-F	
-03.0	-L	N	LSHM-XX-03.0-DV-A	C-185-01-LM	N/A
	-F			C-185-01-FM	
-04.0	-L	N	LSHM-XX-04.0-DV-A	C-185-03-LM	N/A
	-F			C-185-03-FM	
-06.0	-L	N	LSHM-XX-06.0-DV-A	C-185-02-LM	N/A
	-F			C-185-02-FM	
-02.5	-L	S	LSHM-XX-02.5-DV-A	C-261-01-L	SH26-XX-02.5-DV-N
	-F			C-261-01-F	
-03.0	-L	S	LSHM-XX-03.0-DV-A	C-185-01-LM	SH26-XX-03.0-DV-N
	-F			C-185-01-FM	
-04.0	-L	S	LSHM-XX-04.0-DV-A	C-185-03-LM	SH26-XX-04.0-DV-N
	-F			C-185-03-FM	
-06.0	-L	S	LSHM-XX-06.0-DV-A	C-185-02-LM	SH26-XX-06.0-DV-N
	-F			C-185-02-FM	
-L2.5	-L	N	LSHM-XX-02.5-DV-A	C-261-L1-L	N/A
	-F			C-261-L1-F	
-L3.0	-L	N	LSHM-XX-03.0-DV-A	C-185-L1-LM	N/A
	-F			C-185-L1-FM	
-L4.0	-L	N	LSHM-XX-04.0-DV-A	C-185-L3-LM	N/A
	-F			C-185-L3-FM	
-L6.0	-L	N	LSHM-XX-06.0-DV-A	C-185-L2-LM	N/A
	-F			C-185-L2-FM	
-L2.5	-L	S	LSHM-XX-02.5-DV-A	C-261-L1-L	SH26-XX-02.5-DV-N
	-F			C-261-L1-F	
-L3.0	-L	S	LSHM-XX-03.0-DV-A	C-185-L1-LM	SH26-XX-03.0-DV-N
	-F			C-185-L1-FM	
-L4.0	-L	S	LSHM-XX-04.0-DV-A	C-185-L3-LM	SH26-XX-04.0-DV-N
	-F			C-185-L3-FM	
-L6.0	-L	S	LSHM-XX-06.0-DV-A	C-185-L2-LM	SH26-XX-06.0-DV-N
	-F			C-185-L2-FM	

F:\DWG\MISC\MKTG\LSHM-1XX-XX.X-XX-DV-A-X-X-TR-MKT.SLDDRWF

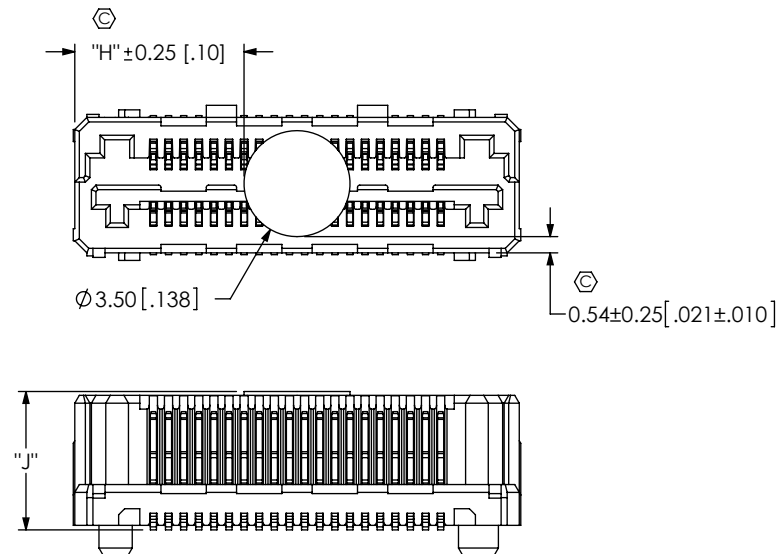


FIG 3
-K OPTION
(LSHM-120-XX.X-DV-A-N-K SHOWN)

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DESCRIPTION:
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DWG. NO.
LSHM-1XX-XX.X-XX-DV-A-X-X-TR

BY: AGEN H 10/30/2008 SHEET 3 OF 3