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

No of Positions
05, 10, 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

Plating Specification
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL

Packaging (See Note 6)
-TR: TAPE & REEL

Shield
S: WITH SHIELD
N: NO SHIELD

Tail Option
DV: VERTICAL

Table 4 Ref
Stack Height

<table>
<thead>
<tr>
<th>LSHM Lead Style</th>
<th>-02.5</th>
<th>-03.0</th>
<th>-04.0</th>
<th>-06.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>-02.5</td>
<td>5.0MM</td>
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</tr>
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<td>6.0MM</td>
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</tr>
<tr>
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<td>7.0MM</td>
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<td></td>
</tr>
<tr>
<td>-06.0</td>
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<td>9.0MM</td>
<td>10.0MM</td>
<td>12.0MM</td>
</tr>
</tbody>
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Material
DO NOT SCALE DRAWING
-Insulator: LCP, UL 94 V0; Color: Black
-Contact or Terminal: Phos Bronze
-Shield: Stainless Steel

Revision Y

Notes:
1. (a) Represents a critical dimension.
2. Burr Allowance: 0.038 [0.015].
3. Minimum Pushout force: Terminals: 2.22 N [0.5 LBS], Contacts: 2.22 N [0.5 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, for application requiring two or more connectors per board, contact ipg@samtec.com.
7. Void Coring on this surface may vary depending on lead style and position count.
8. Void Coring on this surface may vary depending on lead style and position count.

Section "A"-"A"
Scale 5:1

Table 1 Ref
Stack Height

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Figure 1

(LSHM-1XX-XX.X-XX-DV-A-X-X-TR Shown)
"K" REF (SEE TABLE 2, SHT 3)
0.50 [.020]
02

"L" REF (SEE TABLE 2, SHT 3)

"G" (SEE TABLE 2, SHT 3)

0.20 [.008]
REF

C
0.10 [.004]

0.85 [.033] REF

2.00 [.079] REF

1.65 [.065] (TYP)

0.80 [.031] REF

4.98 [.196] REF

1.10 [.043] REF

1.32 [.052] REF

C

1.32 [.052] REF

0.85 [.033] REF

0.15±0.05 [.006±.002] (TYP)

0.10 [.004] REF

1.32 .052 REF

0.85 .033 REF

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

DETAIL 'C'
SCALE 10 : 1

0.15±0.05 [.006±.002] (TYP)

0.10 [.004] REF

1.32 .052 REF

0.85 .033 REF

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