NOTES:

1. SETUP AS STANDARD PART.
2. **B** REPRESENTS A CRITICAL DIMENSION.
3. CUSTOMER PART NUMBER 26125.
4. BURR ALLOWANCE: 0.038 (.015).
5. MINIMUM PUSHOUT FORCE: TERMINALS: 2.22 N (.5 LBS), CONTACTS: 2.22 N (.5 LBS).
6. 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.
7. MEASURE FROM TOP OF VERTICAL WALL.
8. PARTS TO BE PACKAGED IN TAPE & REEL.

**DESIGNED & DIMENSIONED IN MILLIMETERS (INCHES)**

**SECTION "A"—"A"**

**SCALE 4:1**

**DETAIL B'**

**SCALE 10:1**

**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**

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**PLATING:**

- CONTACTS: CONTACT AREA: .00010 GOLD OVER .00005 NICKEL REMAINDER: .00020 REF TIN OVER .00005 NICKEL SHIELD: .000050 NICKEL OVER .000020 MIN COPPER
- ENTIRE SHIELD: .000050 NICKEL OVER .000020 MIN COPPER

**DESCRIPTION:**

**0.50mm TERMINAL/SOCKET COMBO**

**REVISION**

**DATE:**

**COMPANY:**

**CUSTOMER SIGNATURE:**

**PRINTED NAME:**

**PHONE NO:**

**EXCEPTIONS:**

**USAGE:**

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BY SIGNING THIS DOCUMENT YOU ARE ACCEPTING THE CONDITIONS SET WITHIN.

YOUR REQUIREMENTS MUST BE LISTED WITHIN THIS DRAWING.

WHERE NO DIRECTION FROM THE CUSTOMER IS IDENTIFIED, SAMTEC'S PROCESS REQUIREMENTS WILL BE USED.

**ITEM NO.**

**PART NUMBER**

**QUANTITY**

**MATERIAL**

1. LSHM-30-02.5-DV-A
   1.0000
   VECTRA E130i, COLOR: BLACK

2. C-261-01-L
   60.000
   PHOS BRONZE

3. K-DOT-.138-.250-.005
   1.0000
   POLYIMIDE FILM

4. SH26-30-02.5-DV-N
   1.0000
   POLYAMIDE FILM (KAPTON)

5. CT-LSHM017MS
   1.4372
   CONDUCTIVE POLYMER