



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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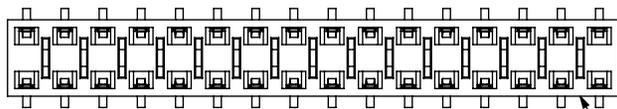


FIG 5

-BE OPTION
(SAME AS FIG 1 UNLESS OTHERWISE STATED)

RHLE-50-DBE

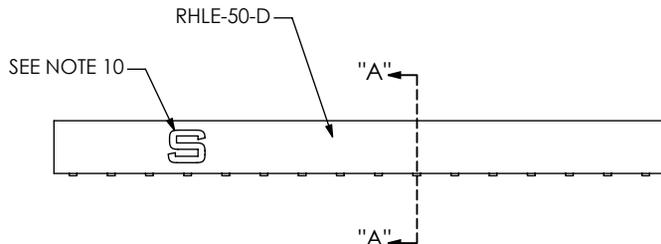
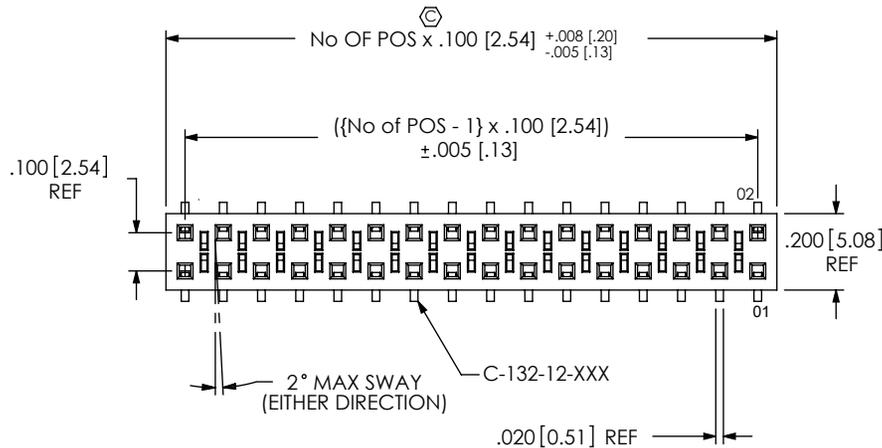


FIG 1

HLE-116-02-XXX-DV SHOWN

TABLE 2

POSITION	COPLANARITY
-01 THRU -20	.004 [.10]
-21 THRU -50	.006 [.15]

No OF POSITIONS

-02 THRU -50
(PER ROW)

LEAD STYLE

-02: SURFACE MOUNT
(USE C-132-12-X)

PLATING SPECIFICATION

- G: 20µ" GOLD IN CONTACT AREA
3µ" ON TAIL (USE C-132-12-G)
- S: 30µ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-S)
- F: 3µ" SELECTIVE FLASH GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-F)
- L: 10µ" SELECTIVE LIGHT GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-L)
- H: 30µ" HEAVY GOLD IN CONTACT AREA 3µ" ON TAIL (USE C-132-12-H)
- STL: 30µ" SELECTIVE GOLD IN CONTACT AREA TIN/LEAD (90%/10 +/-5%) (USE C-132-12-STL)
- SM: 30µ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-S)
- FM: 3µ" SELECTIVE FLASH GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-F)
- LM: 10µ" LIGHT GOLD IN CONTACT AREA MATTE TIN ON TAIL (USE C-132-12-L)

OPTION

-TR: TAPE & REEL
(2 - 29 POSITIONS ONLY)

OPTION

- P: PICK & PLACE PAD (POS -03 THRU -50 ONLY)
- A: ALIGNMENT PIN (4 POS MIN)
- LC: LOCKING CLIP (2 POS MIN) (SEE NOTE 9)
- K: USE K-DOT-.256-.375-.005 POLYAMIDE FILM PAD (AVAILABLE ON POS -03 THRU -50; .005 [.13] THICKNESS) (SEE FIG 4)

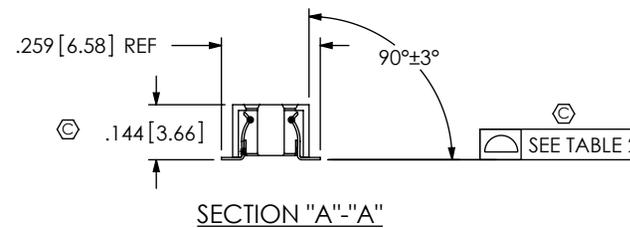
OPTION

-BE: BOTTOM ENTRY
(USE RHLE-50-DBE) (SEE FIG. 5)
(LEAVE BLANK FOR STANDARD)

ROW SPECIFICATION

-DV: DOUBLE VERTICAL
(USE RHLE-50-D)

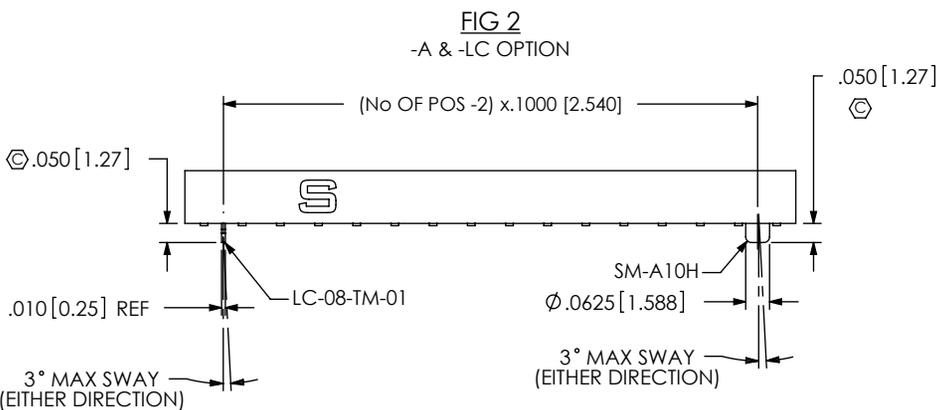
PATENT NUMBERS
5713755 / 5961339



SECTION "A"-"A"

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. ALL IDENTIFICATION MARKS MUST NOT STAND GREATER THAN .002 [.05] OFF THE SURFACE OF THE PART.
3. PULL OUT FORCE FOR -LC, -A, & CONTACT IS 12 oz MIN.
4. COPLANARITY: SEE TABLE 2.
5. BURR ALLOWANCE: .003 [.08] MAX
6. CUT ASSEMBLIES AFTER FILL. CUT FLASH TO BE .010 MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP.
7. TUBE POSITIONS 03 THRU 50. LAYER PACKAGE POSITION 02.
8. ENDWALL THICKNESS: .030+/- .005 [.76+/- .13] TO BE MEASURED FROM BOTTOM VIEW.
9. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
10. SAMTEC LOGO MAY NOT BE PRESENT ON CUT TO POSITION CONNECTORS.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
BODY: VECTRA E130i
CONTACT: BeCu

DESCRIPTION: [2.54] .100 TIGER BEAM SOCKET ASSEMBLY

DWG. NO. HLE-1XX-02-XXX-DV-XX-XX-XX

BY: ED MESSER 12/19/98 SHEET 1 OF 2

FIG 3
 (-P: PICK AND PLACE PAD)
 AVAILABLE ON POSITIONS 03 THRU 50

NOTE: "R" = USE MEASURED DIM (REF)
 "S" = $\{("R" - .225 [5.72])/2\} \pm .020 [.51]$

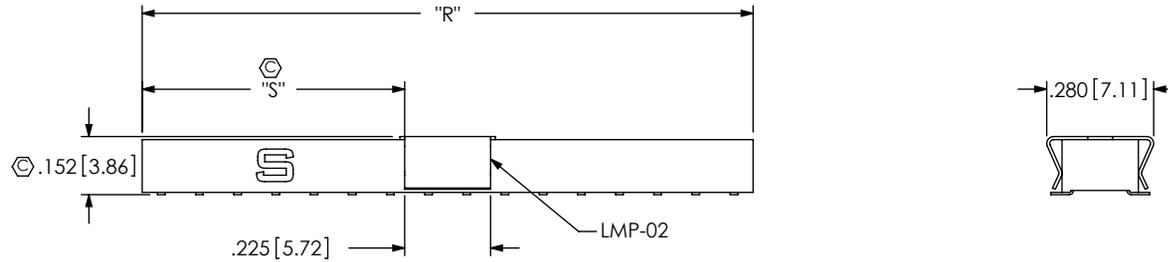
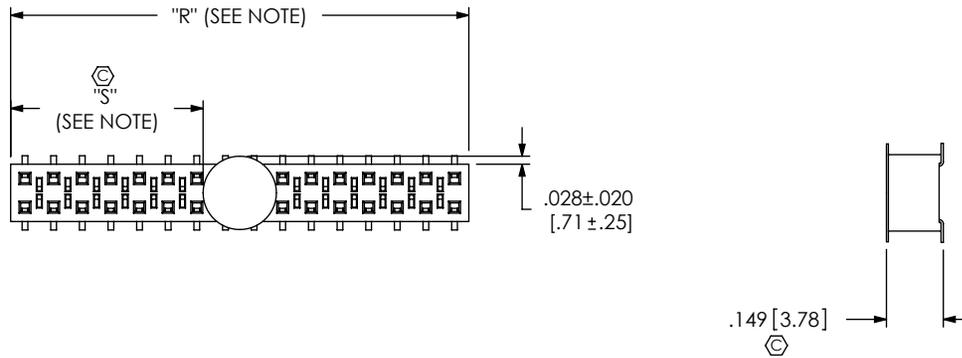
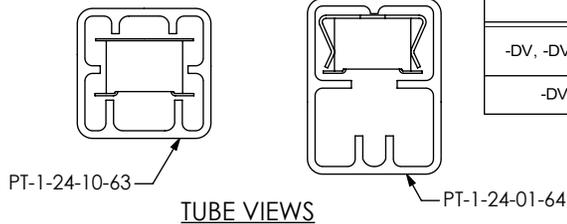


FIG 4
 -K: POLYIMIDE FILM PAD
 AVAILABLE ON POS 03 THRU 50



NOTE: "R" = USE MEASURED DIM (REF)
 "S" = $\{("R" - .2559 [6.500])/2\} \pm .020 [.51]$

F:\DWG\MISC\MKTG\HLE-1XX-02-XXX-DV-XX-XX-XX-MKT.SLDDRW



STYLE	PKG TUBE	PLUG
-DV, -DV-LC, -DV-A, -DV-A-P, -DV-P	PT-1-24-01-64	TP-09
-DV-K, -DV-A-K, -DV-LC-K	PT-1-24-10-63	TP-24

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1



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 .100 TIGER BEAM SOCKET ASSEMBLY

DWG. NO.
 HLE-1XX-02-XXX-DV-XX-XX-XX

BY: ED MESSER 12/19/98 SHEET 2 OF 2