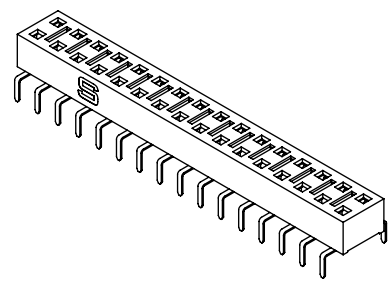


DO NOT SCALE FROM THIS PRINT

ENTRY STYLE	CONTACT
-PE	SUB-HLE-PE-XX
-TE	C-132-09-XX



HLE-1XX-02-XX-DV-XE-XX

No OF POSITIONS
-02 THRU -50
(PER ROW)

LEAD STYLE
-02

OPTION

- BE: BOTTOM ENTRY (USE RHLE-50-DBE) (SEE FIG 3) (AVAILABLE ON -PE STYLE ONLY)
- LC: LOCKING CLIP (SEE NOTE 10) (USE LC-08-TM-01) (AVAILABLE ON -PE STYLE ONLY)
- TR: TAPE & REEL (2 - 29 POSITIONS ONLY) (-TE & -PE OPTIONS ONLY)
- P: METAL PAD (USE LMP-02) (SEE FIG 2)

ENTRY STYLE

- PE: PASS THROUGH ENTRY (SEE FIG 1)
- TE: TOP ENTRY (SEE FIG 2)

PLATING SPECIFICATION

- G: GOLD (SEE TABLE 1)
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL

ROW SPECIFICATION

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

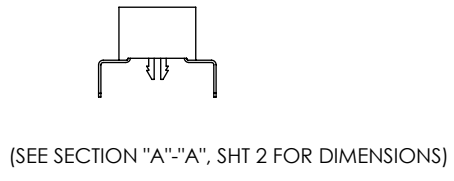
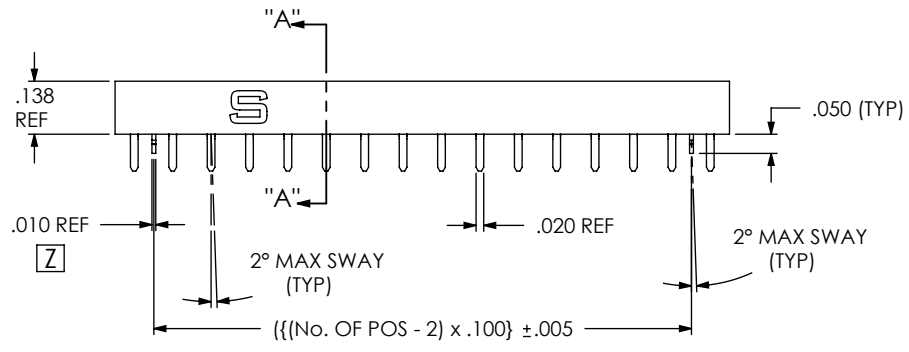
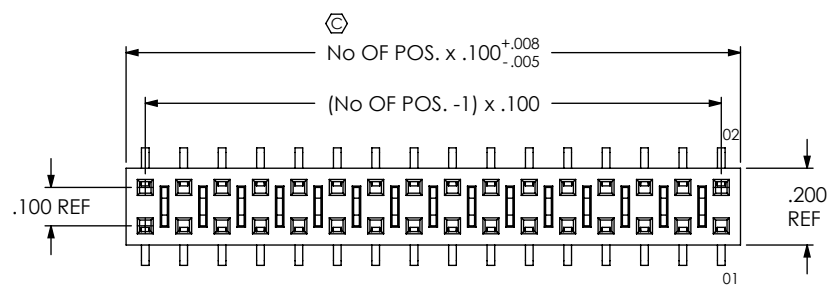


FIG 1
(-PE: PASS THROUGH ENTRY)
(SHOWN WITH -LC OPTION)

NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- 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.
- TUBE POSITIONS 03 THRU 50. LAYER PACKAGE POSITION 02.
- ENDWALL THICKNESS: .030 ± .003.
- MINIMUM CONTACT RETENTION IN PLASTIC: 12 OUNCES
- AFTER PLATING, PIN IS NAMED SUB-C-132-10-X. AFTER FORMING, PIN IS C-132-10-X
- MAX VARIATION OF 3 DEGREES WITHIN 16 PINS.
- MEASURE FROM BEND TO TIP OF PIN.
- MEASURE FROM CONTACT BARB AREA TO TIP OF PIN
- 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.

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.XX: ±.01 2°</p> <p>.XXX: ±.005</p> <p>.XXXX: ±.0020</p>	<p>PROPRIETARY NOTE</p> <p>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.</p>		
		<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>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1</p> <p>BODY: VECTRA E130i COLOR: BLACK</p> <p>CONTACT: BeCu</p>		<p>DESCRIPTION: .100 C.L. SINGLE BEAM SOCKET STRIP</p> <p>DWG. NO. HLE-1XX-02-XX-DV-XE-XX</p>	
<p>F:\DWG\MISC\MKTG\HLE-1XX-02-XX-DV-XE-XX-MKT.SLDDRW</p>		<p>BY: KEVIN B 10/27/99</p>	<p>SHEET 1 OF 2</p>

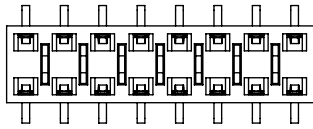


FIG 3
(BOTTOM ENTRY OPTION)

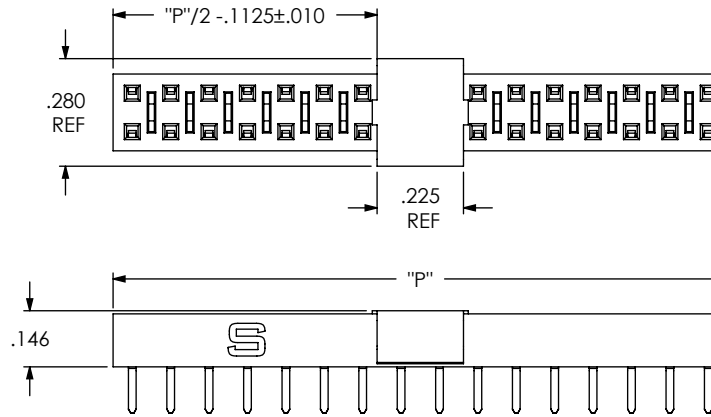
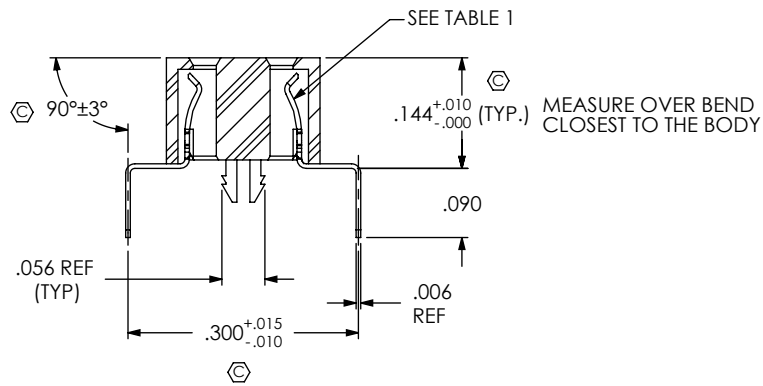
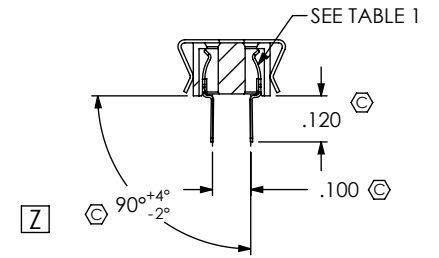
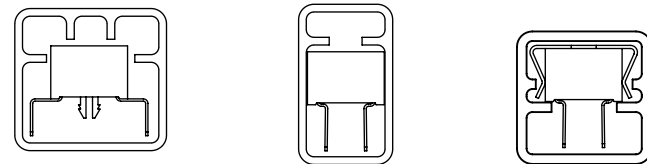


FIG 2
(-TE WITH -P OPTION)



SECTION "A"-"A"
SCALE 4 : 1

TABLE 2		
ENTRY STYLE	PACKAGING TUBE	PLUG
-PE	PT-1-24-05-38	TP-03
-TE	PT-1-24-11-09	TP-09
-TE-P	PT-HLE001-DV-TE-P	TP-03



PACKAGING VIEWS

F:\DWG\MISC\MKTG\HLE-1XX-02-XX-DV-XE-XX-MKT.SLDRW

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e-Mail: info@SAMTEC.com code: 55322

SHEET SCALE: 2:1

DESCRIPTION:
.100 C.L. SINGLE BEAM SOCKET STRIP

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

BY: KEVIN B 10/27/99 SHEET 2 OF 2