

DO NOT SCALE FROM THIS PRINT

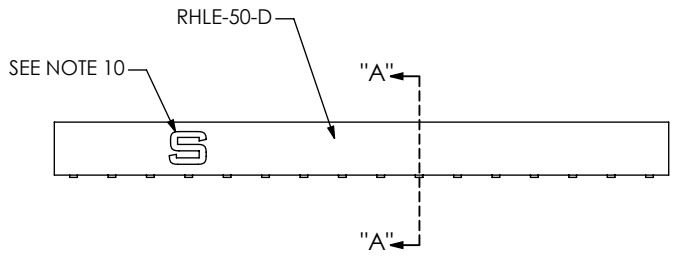
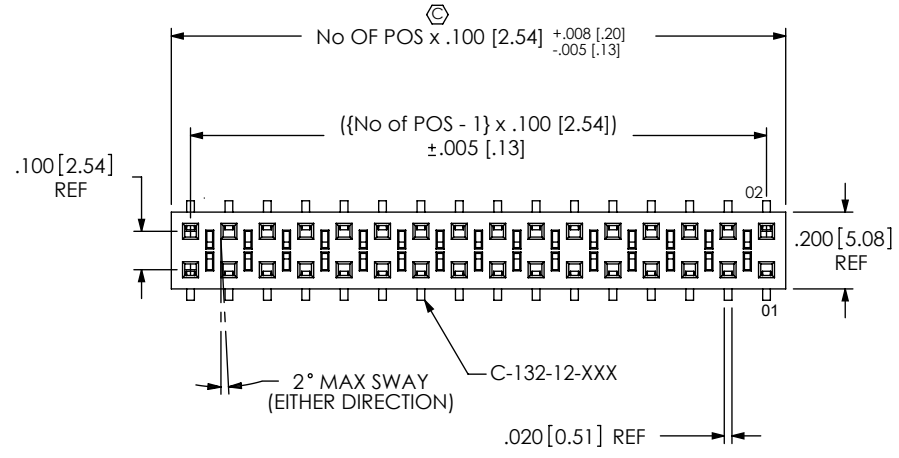
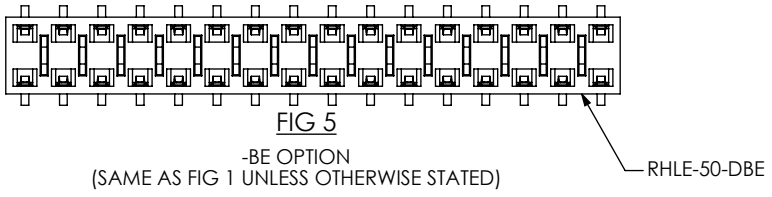


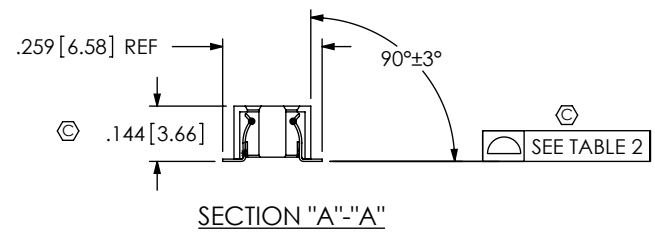
FIG 1
HLE-116-02-XXX-DV SHOWN

TABLE 2

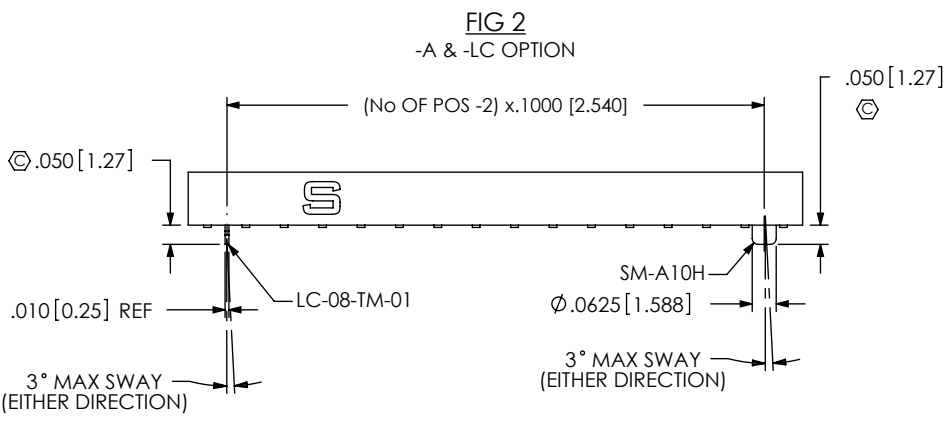
POSITION	COPLANARITY
-01 THRU -20	.004 [.10]
-21 THRU -50	.006 [.15]

- 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)
 - 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)
 - 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



- 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]	3°
.XXX: ±.005 [.13]	
.XXXX: ±.0020 [.051]	

PROPRIETARY NOTE

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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, UL94V-0

CONTACT: BeCu

DESCRIPTION: [2.54] .100 TIGER BEAM SOCKET ASSEMBLY

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

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

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

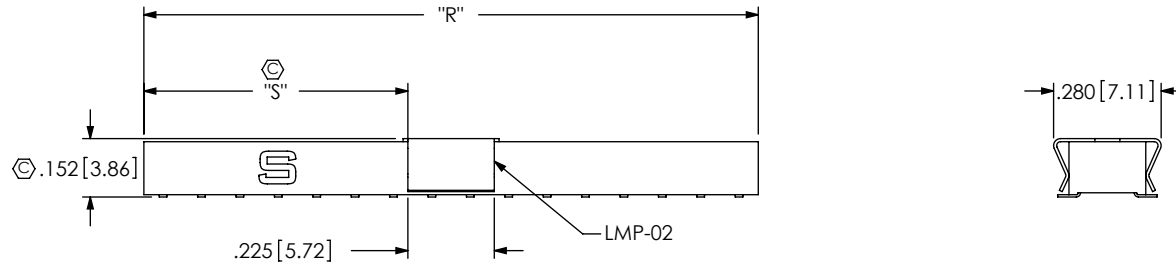
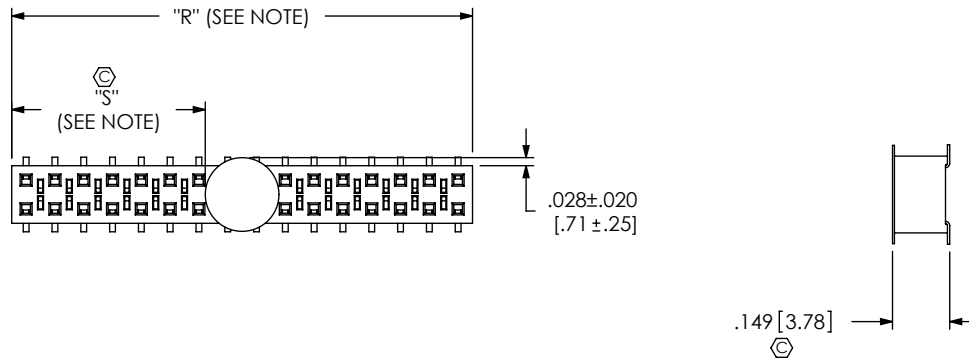
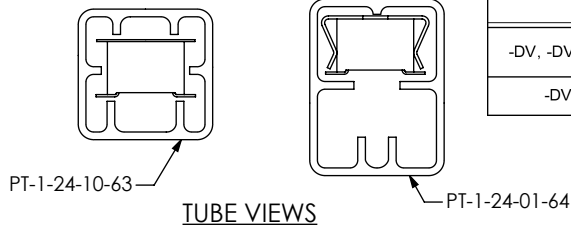


FIG 4
 -K: POLYIMIDE FILM PAD
 AVAILABLE ON POS 03 THRU 50



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

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

DESCRIPTION:
 .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