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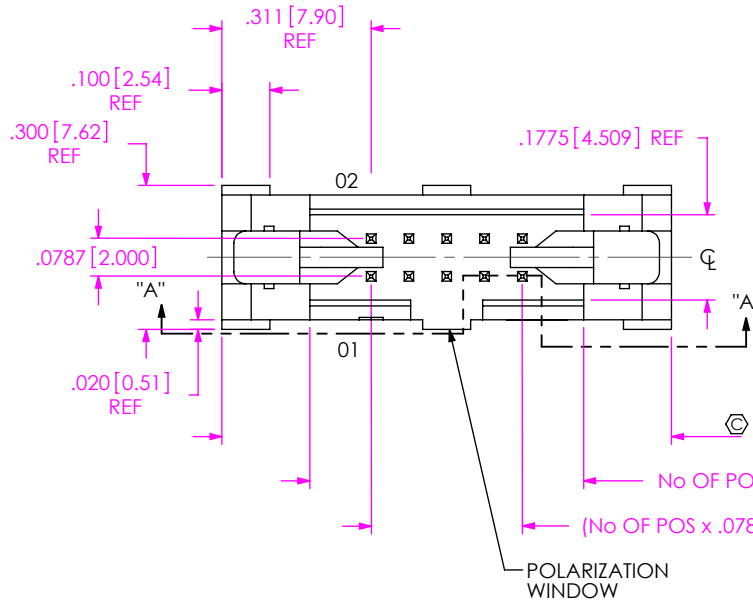
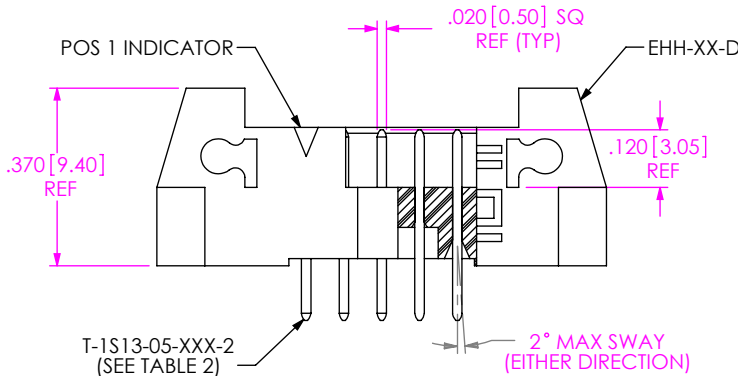


FIG 1  
(EHT-105-01-XX-D SHOWN)  
(LATCH EHA-01 REMOVED FOR CLARITY)



SECTION "A"-"A"  
SCALE 2.5 : 1

- No OF POSITIONS  
-05 THRU -25
- LEAD STYLE  
-01
- PLATING SPECIFICATION
  - S: 30μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - F: 3μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - T: MATTE TIN.
  - H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL.
  - L: 15μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - SM: 30μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - FM: 3μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
  - TM: MATTE TIN.
  - LM: 15μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL.
- OPTION 3  
-TR: TAPE AND REEL PACKAGING (FOR -SM, -SM-P, AND -SM-K ONLY)
- OPTION 2  
-LC: LOCKING CLIP (SEE NOTE 4) (FOR -SM ONLY) (SEE FIG 4, SHT 2, USE LC-09-TM)
- OPTION 1  
-P: PICK & PLACE PAD (SEE FIG 5, SHT 2) (FOR -SM ONLY, USE PPP-24) (USE PPP-55 WITH -SM-TR OPTION)
- K: OPTION (POLYIMIDE FILM, SEE FIG 3, SHT 2) (FOR -SM ONLY)
- POLARIZED OPTION  
-XX = PIN OMITTED
- TAIL OPTION
  - RA: RIGHT ANGLE (FIG 2, SHT 2)
  - SM: SURFACE MOUNT (SEE FIG 4, SHT 2) (LEAVE BLANK FOR THRU HOLE)
- ROW SPECIFICATION  
-D: DOUBLE

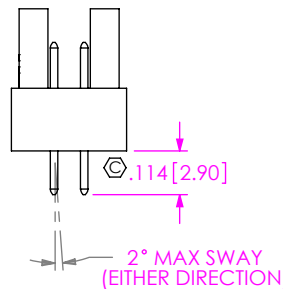
No OF POS x .0787 [2.000] + .543 [13.79] REF

No OF POS x .0787 [2.000] + .177 [4.50] REF

(No OF POS x .0787 [2.000]) - .0787 [2.000] ±.005 [0.13]

| PIN            | OAL           |
|----------------|---------------|
| T-1S13-05-XX-2 | 0.397 [10.08] |
| T-1S13-06-XX-2 | 0.555 [14.10] |
| T-1S13-15-XX-2 | 0.714 [18.14] |

| ASSEMBLY OPERATION         | IN-PROCESS INSPECTION |
|----------------------------|-----------------------|
| FILL T-1S13-05-XXX-2-TH    | C1, C2                |
| FORM T-1S13-06-XXX-2-SM    | C5                    |
| FORM T-1S13-15-XXX-2-SM    | C7                    |
| FORM T-1S13-05-XXX-2-SM    | C4                    |
| REPRESS T-1S13-05-XXX-2-SM | C3, C6                |



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.  
TOLERANCES ARE:  
DECIMALS ANGLES  
.XX: ±.01 [0.3] 2°  
.XXX: ±.005 [0.13]  
.XXXX: ±.0020 [0.051]

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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  
INSULATOR: LCP, UL 94 VO, COLOR: BLACK  
TERMINAL: PHOS BRONZE

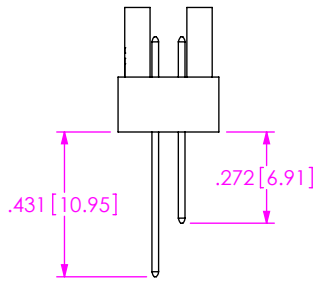
DESCRIPTION:  
2MM EJECTOR HEADER ASSEMBLY

DWG. NO.  
EHT-1XX-01-XX-D-XX-XX-X-XX-XX

BY: PURVIS 02/28/1994 SHEET 1 OF 3

NOTES:

1. Ⓞ REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1 LB.
3. MAXIMUM PIN ROTATION IN BODY: 2°
4. 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.



-RA IN PROCESS

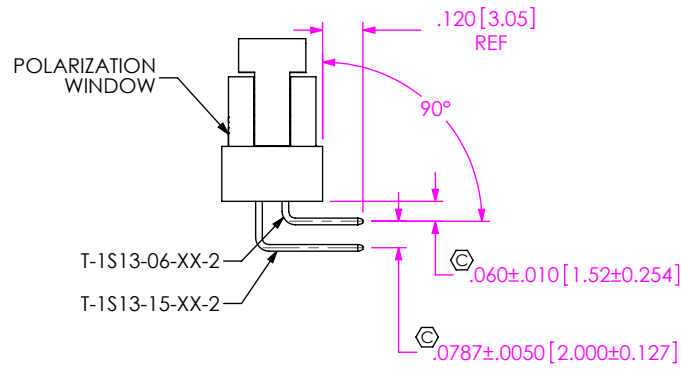
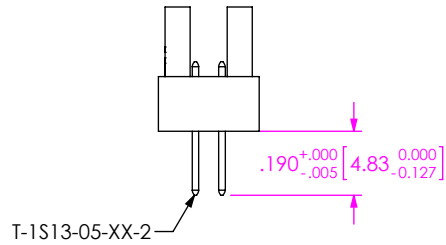
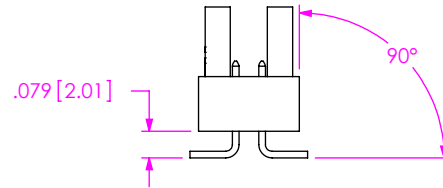


FIG 2  
(EHT-1XX-01-XX-D-RA SHOWN)  
RIGHT ANGLE  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



-SM IN-PROCESS 1



-SM IN-PROCESS 2

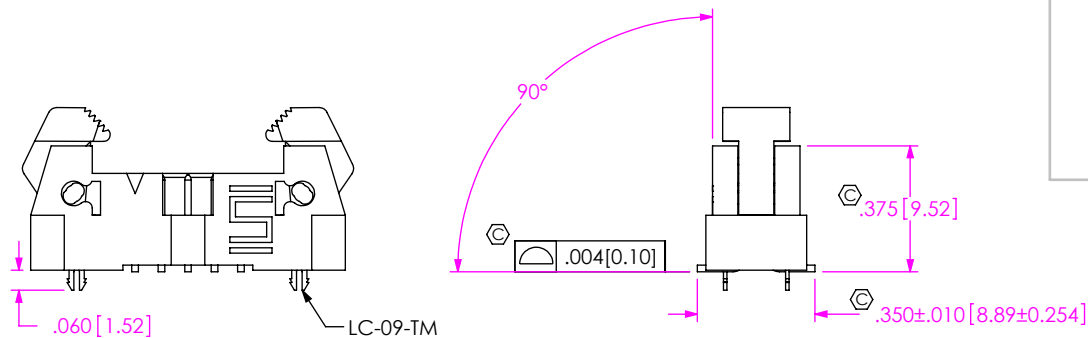
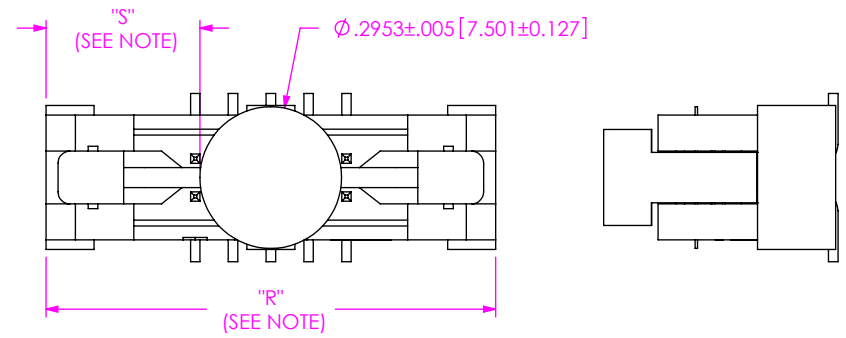


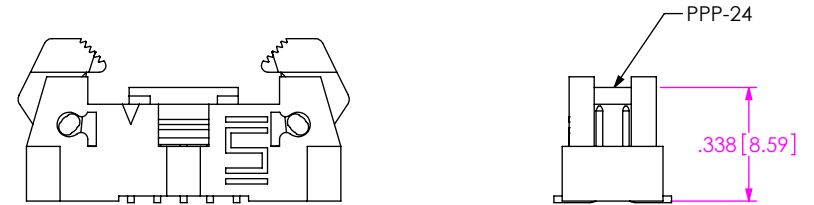
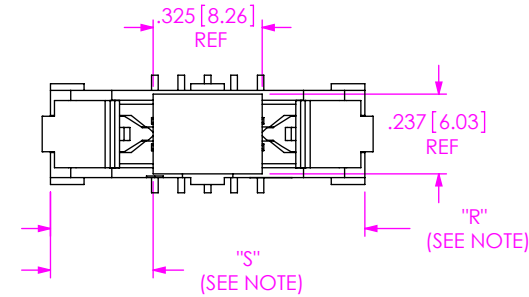
FIG 4  
(EHT-105-01-XX-D-SM-LC SHOWN)  
SURFACE MOUNT VERSION  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



NOTE: "R" = USE MEASURED DIMENSION (REF)  
"S" = {"R" - .2953[7.50]/2} ± .020[0.51]

FIG 3  
(EHT-105-01-XX-D-SM-K SHOWN)  
-K OPTION (POLYIMIDE FILM PAD)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTE: "R" = USE MEASURED DIMENSION (REF)  
"S" = {"R" - .325[8.26]/2} ± .020[0.51]



(LATCH EHA-01 REMOVED FOR CLARITY)  
FIG 5  
(EHT-105-01-XX-D-SM-P SHOWN)  
PICK AND PLACE PAD  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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SHEET SCALE: 1:0.571429

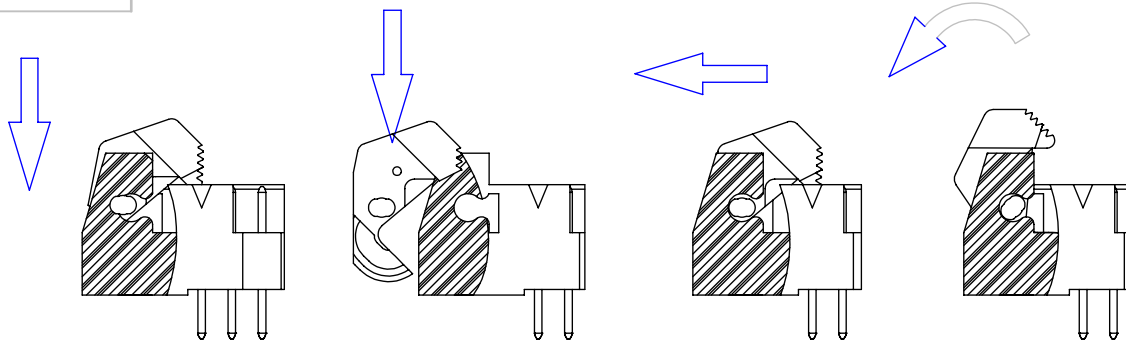


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2MM EJECTOR HEADER ASSEMBLY

DWG. NO.  
EHT-1XX-01-XX-D-XX-XX-X-XX-XX

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IN-PROCESS  
ARM ASSEMBLY & ROTATION

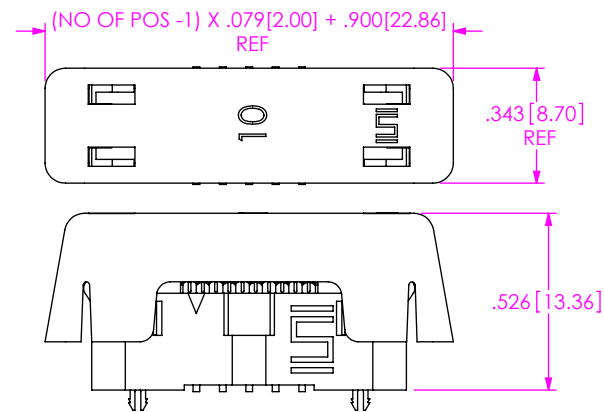
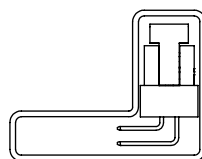
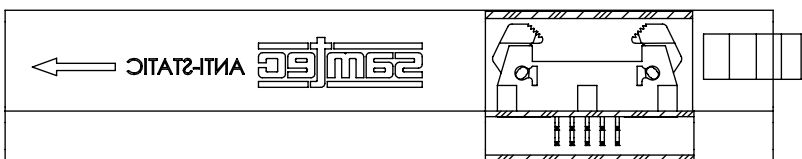
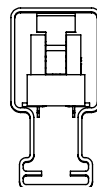
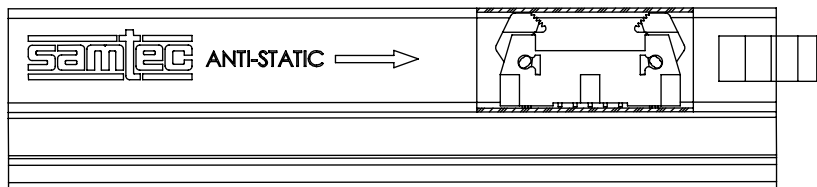
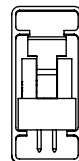
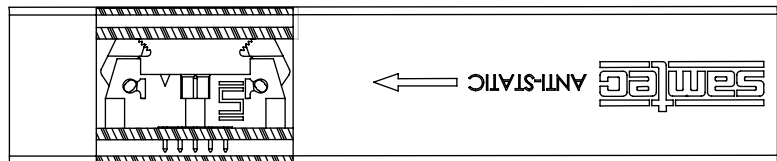
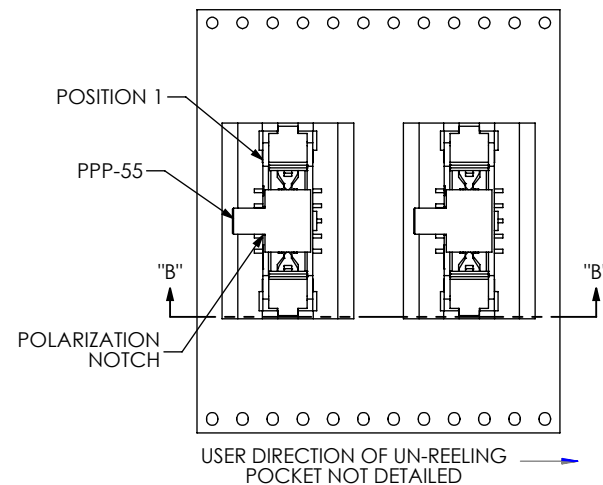


FIG 6  
APPLICATION VIEW  
EHT MATED TO TCSD AND ECF



AY



SECTION "B"- "B"  
SCALE 1 : 1

| TABLE 1       |                |       |
|---------------|----------------|-------|
| STYLE         | TUBE           | PLUG  |
| STRAIGHT      | PT-1-24-16-29  | TP-13 |
| RIGHT ANGLE   | ASP-90341-01-S | TP-13 |
| SURFACE MOUNT | PT-1-24-01-44  | TP-13 |

FIG 7  
PACKAGING VIEWS

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