

DO NOT
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EHT-1XX-01-XX-D-XX-XX-X-XX-XX

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: 10μ" 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: 10μ" 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

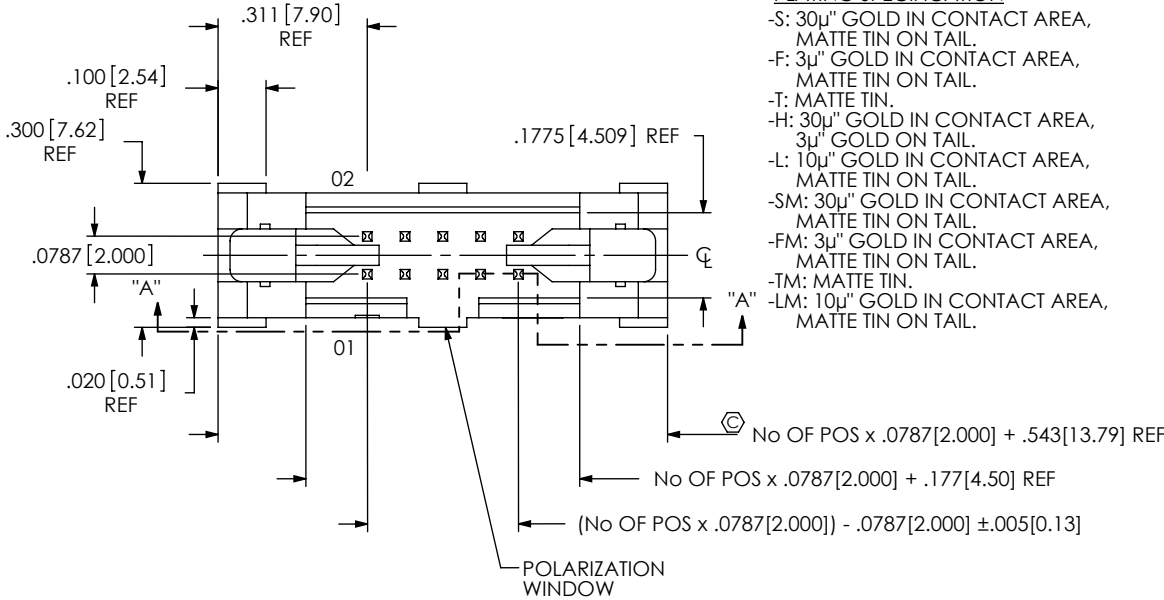
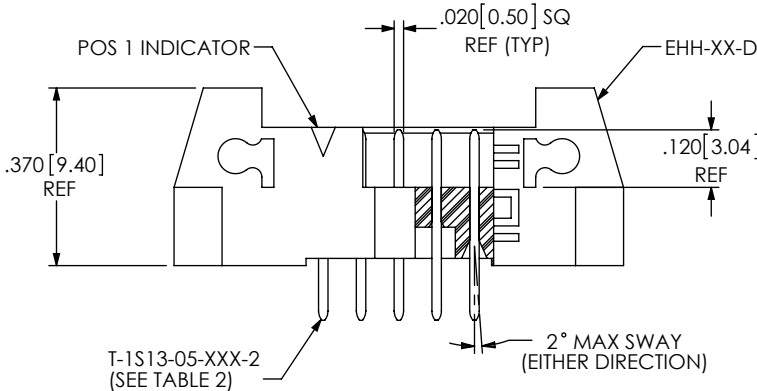


FIG 1
(EHT-105-01-XX-D SHOWN)
(LATCH EHA-01 REMOVED FOR CLARITY)



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

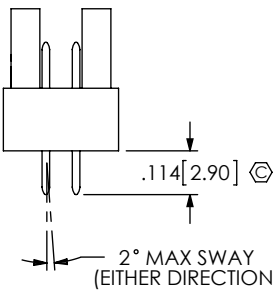


TABLE 2

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]

CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

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

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.

F:\DWG\MISC\MKTG\EHT-1XX-01-XX-D-XX-XX-X-XX-XX-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

.XX: ± .01 [0.3]

.XXX: ± .005 [0.13]

.XXXX: ± .0020 [0.051]

ANGLES

2°

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE

SHEET SCALE: 2:1

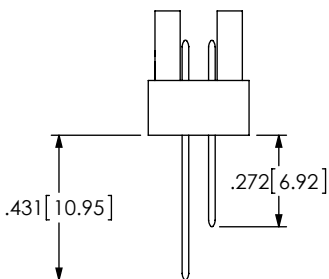
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

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



-RA IN PROCESS

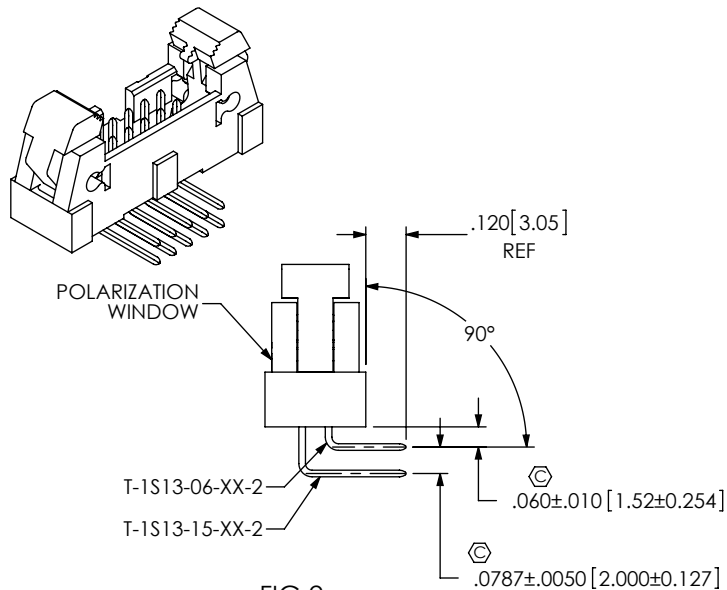
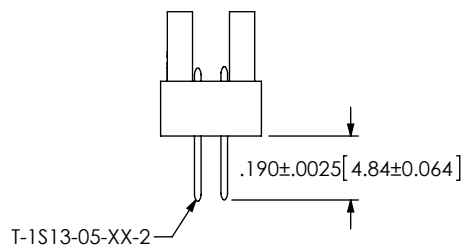
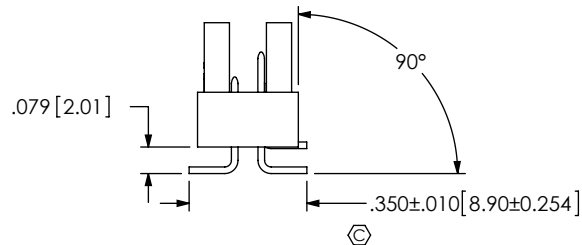


FIG 2
(EHT-1XX-01-XX-D-RA SHOWN)
RIGHT ANGLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



-SM IN-PROCESS 1



-SM IN-PROCESS 2

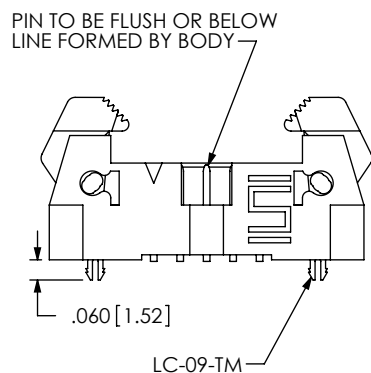
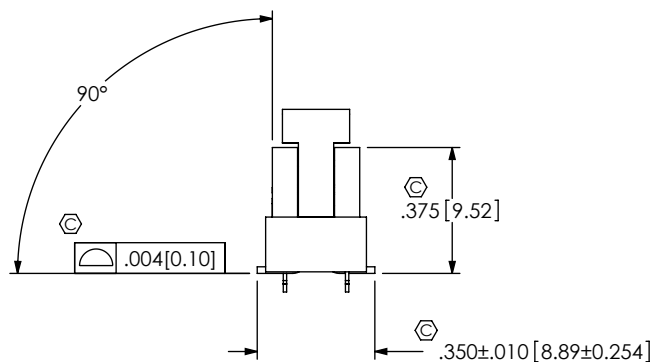
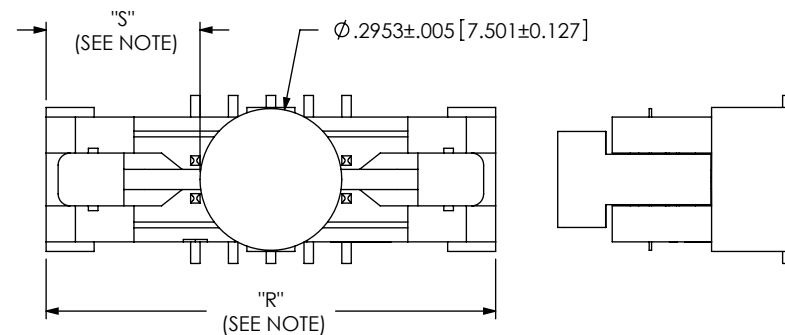


FIG 4
(EHT-105-01-XX-D-SM-LC SHOWN)
SURFACE MOUNT VERSION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



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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]

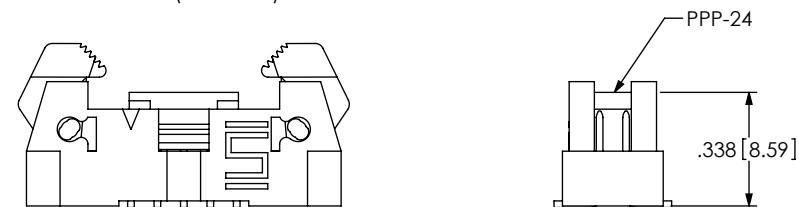
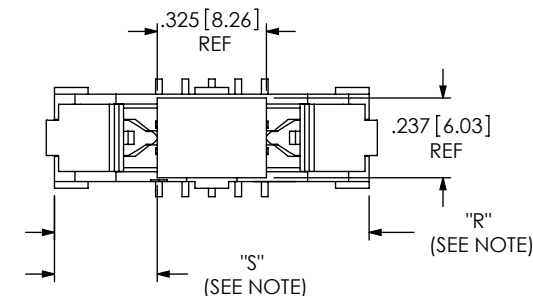


FIG 5
(EHT-105-01-XX-D-SM-P SHOWN)
PICK AND PLACE PAD
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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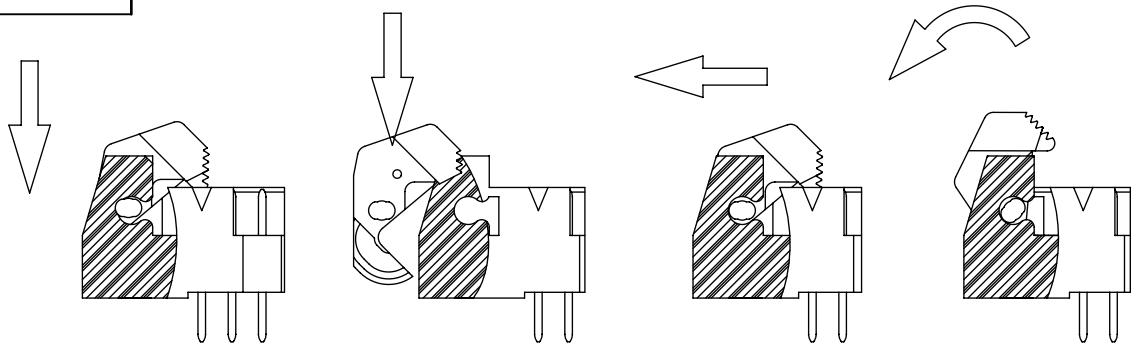
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IN-PROCESS
ARM ASSEMBLY & ROTATION

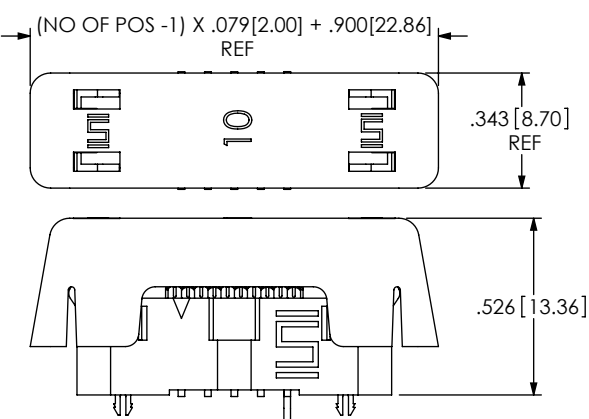
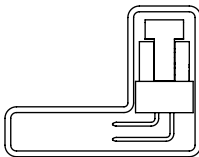
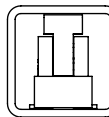
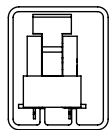
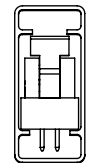
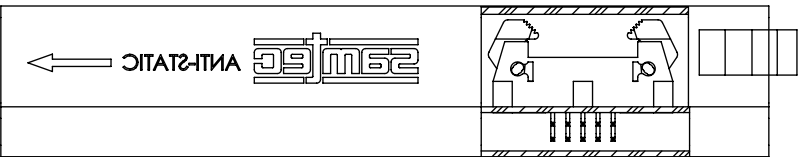
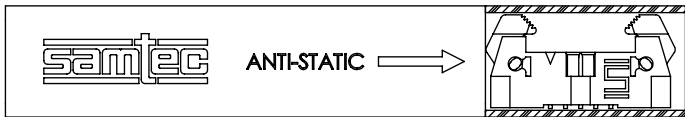
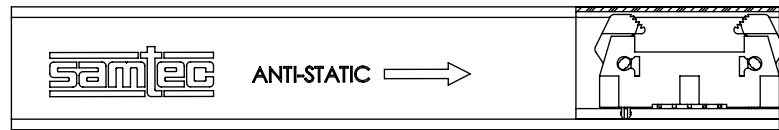
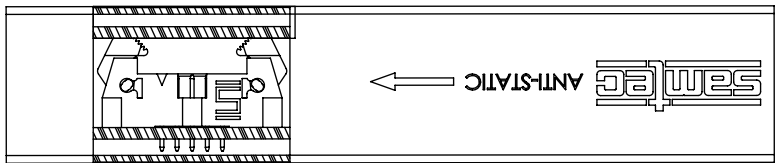
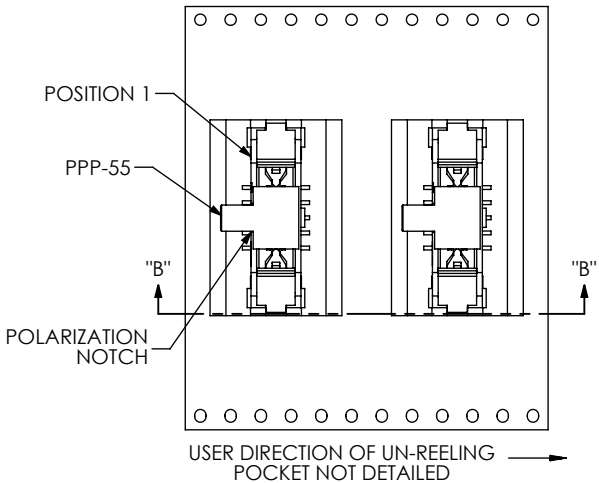


FIG 6
APPLICATION VIEW
EHT MATED TO TCSD AND ECF



SM W/ LC

SM W/O LC



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 W/ LC	PT-1-24-01-58	TP-13
SURFACE MOUNT W/O LC	PT-1-24-01-08	TP-13

FIG 7
PACKAGING VIEWS

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