REVISION BE

DO NOT SCALE FROM THIS PRINT

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.

ROW SPECIFICATION
-D: DOUBLE

TAIL OPTION
-RA: RIGHT ANGLE (FIG 2, SHT 2)
-SM: SURFACE MOUNT (SEE FIG 4, SHT 2)
(LEAVE BLANK FOR THRU HOLE)

POLARIZED OPTION
-XX = PIN OMITTED

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)

OPTION 2
-LC: LOCKING CLIP(SEE NOTE 4)
(FOR -SM ONLY)
(SEE FIG 4, SHT 2, USE LC-09-TM)

OPTION 3
-TR: TAPE AND REEL PACKAGING
(FOR -SM, -SM-P, AND -SM-K ONLY)

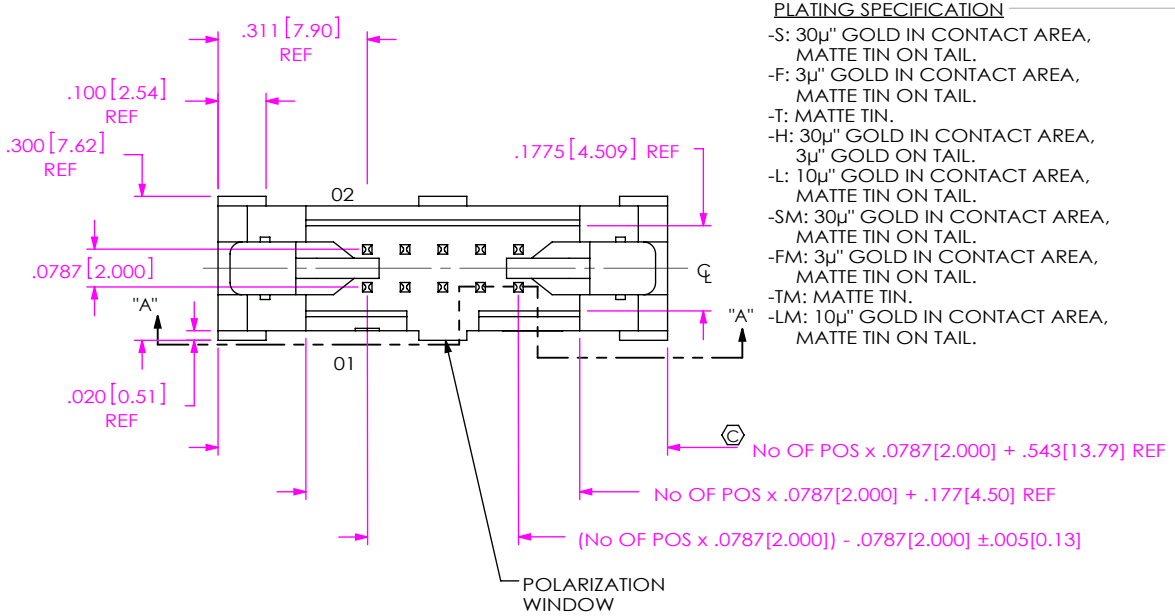
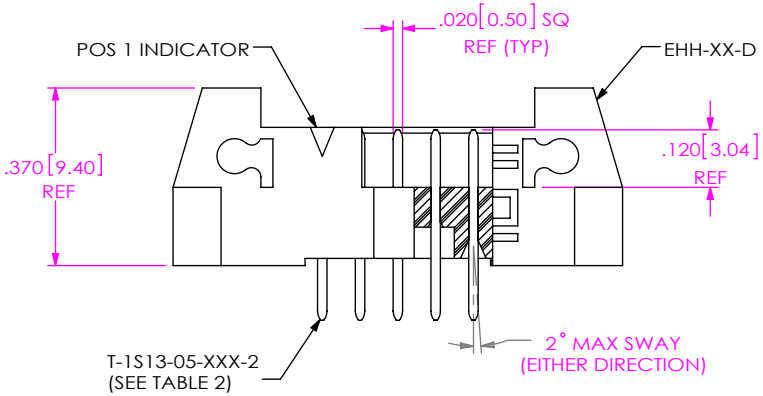
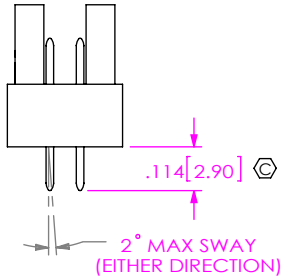


FIG1
(EHT-105-01-XX-D SHOWN)
(LATCH EHA-01 REMOVED FOR CLARITY)

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]



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



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°

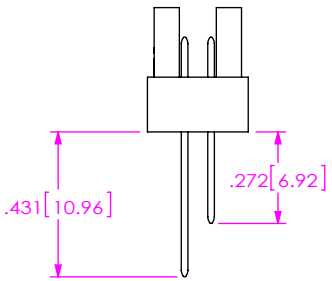
* PROPRIETARY NOTE *
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

samtec
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

REVISION BE



-RA IN PROCESS

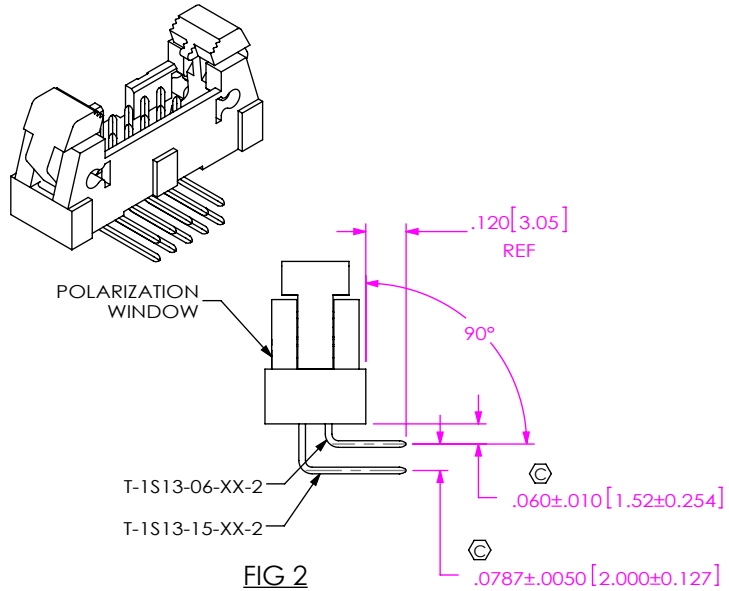
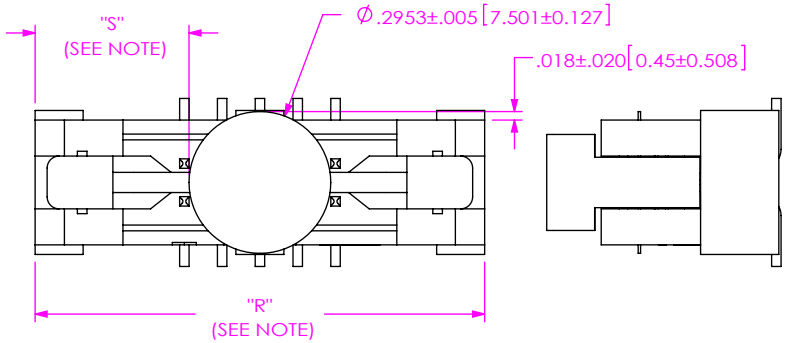
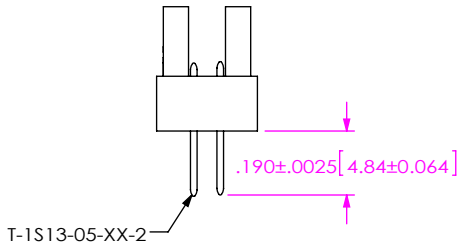


FIG 2
(EHT-1XX-01-XX-D-RA SHOWN)
RIGHT ANGLE
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

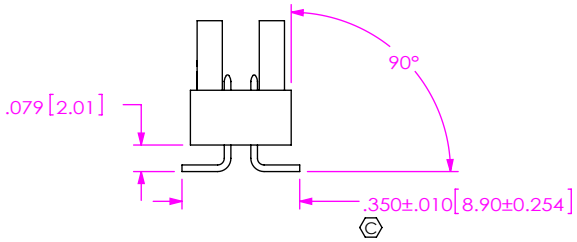


NOTE: "R" = USE MEASURED DIMENSION (REF)
"S" = {("R" -.2953[7.50]/2) ±.020[0.51]}

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

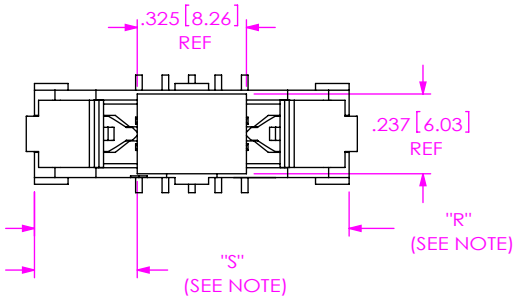


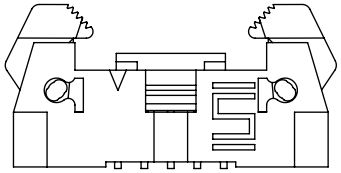
-SM IN-PROCESS 1

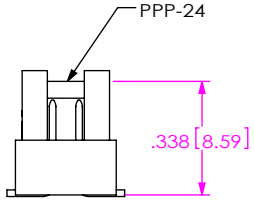


-SM IN-PROCESS 2

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)

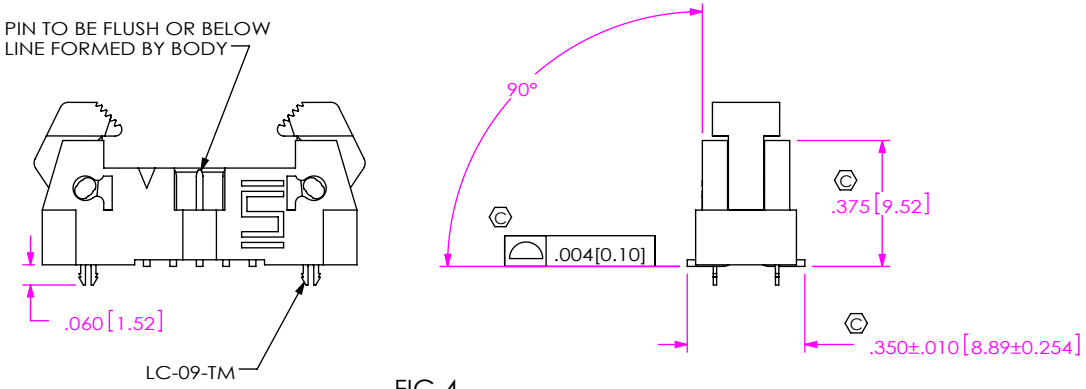


FIG 4
(EHT-105-01-XX-D-SM-LC SHOWN)
SURFACE MOUNT VERSION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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

* PROPRIETARY NOTE *

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1:0.571429

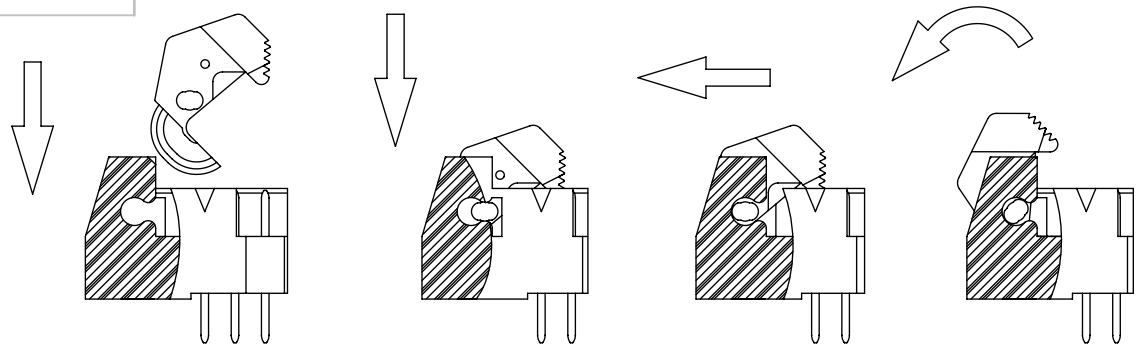
samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
2MM EJECTOR HEADER ASSEMBLY

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

BY: PURVIS 02/28/1994 SHEET 2 OF 3

REVISION BE



IN-PROCESS
ARM ASSEMBLY & ROTATION

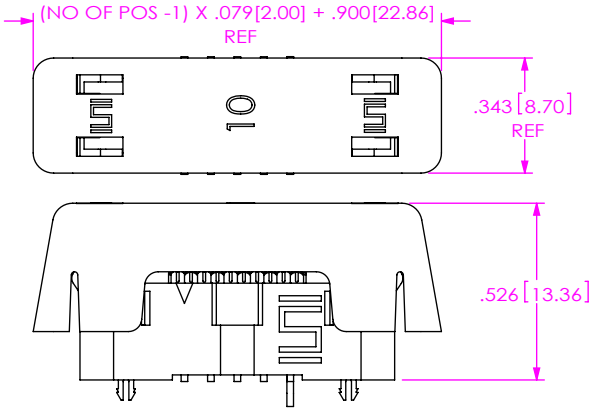


FIG 6
APPLICATION VIEW
EHT MATED TO TCSD AND ECF

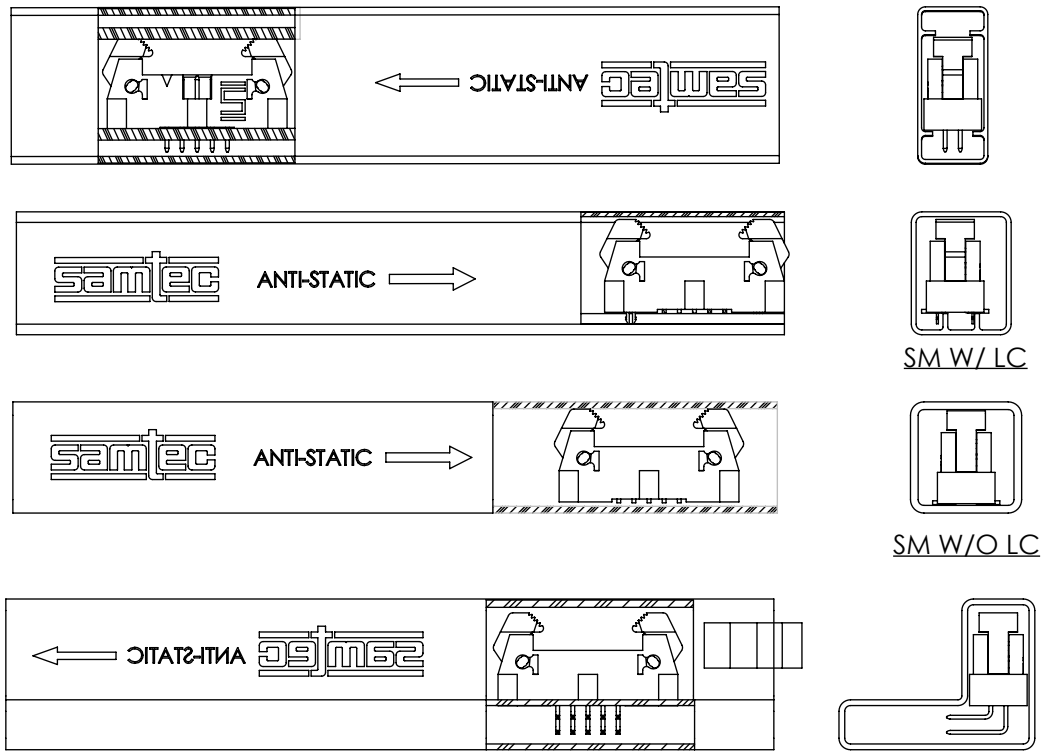
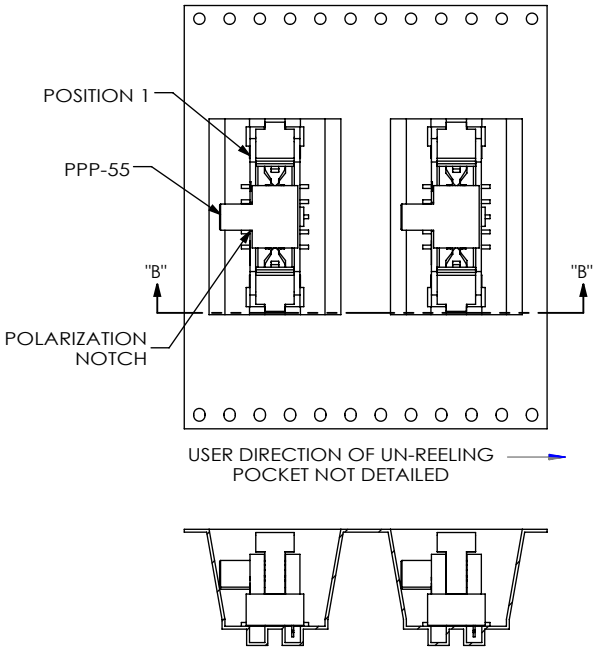


FIG 7
PACKAGING VIEWS



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

* PROPRIETARY NOTE *

THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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 3 OF 3

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