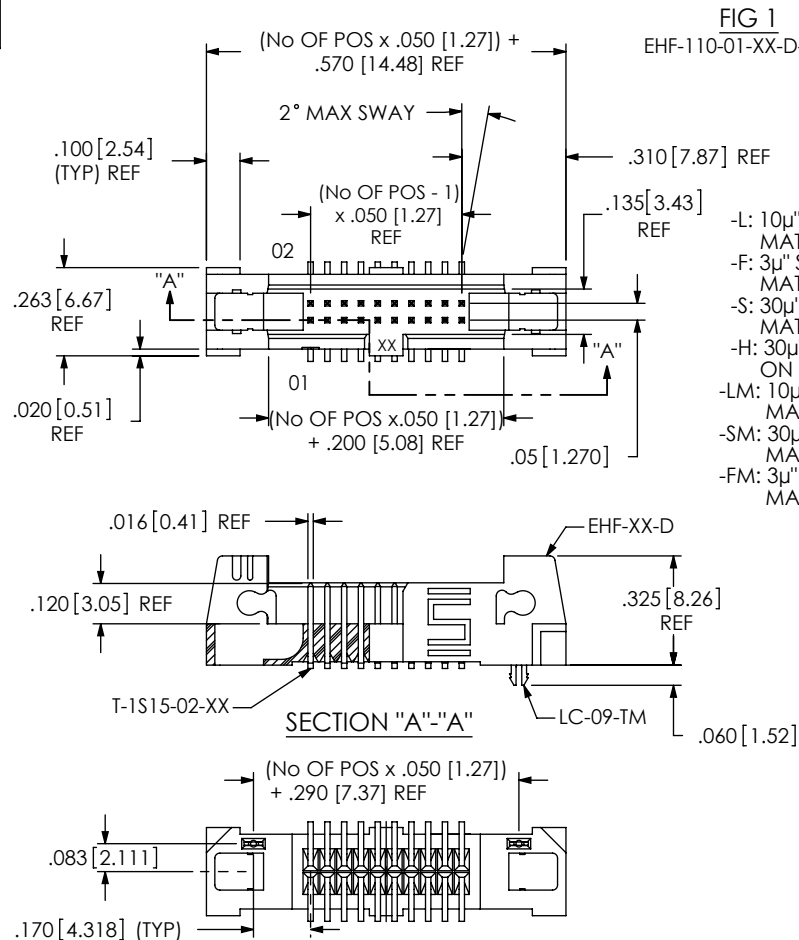


DO NOT
SCALE FROM
THIS PRINT



EHF-1XX-01-XX-D-XX-XX-XX

NO OF POSITIONS
-03, -04, -05, -08, -10, -13, -17, -20, -25

LEAD STYLE
-01

PLATING SPECIFICATION

- L: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-L)
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-F)
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-S)
- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL (USE T-1SXX-XX-H)
- LM: 10μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-L)
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-S)
- FM: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE T-1SXX-XX-F)

OPTION

- LC: LOCKING CLIP (FOR -D-SM ONLY) (SEE NOTE 7)
- P: PICK & PLACE PAD (FOR -D-SM ONLY) (FOR -03 & -04, USE PPP-25, SEE FIG 7, SHT 3) (FOR -05 THRU -25, USE PPP-48, SEE FIG 2)
- K: POLYIMIDE FILM (USE K-500-300, SEE FIG 3)
- TR: TAPE & REEL PACKAGING (FOR -D-SM, -D-SM-P, & -D-SM-K ONLY) (NOT AVAILABLE ON -D-SM-LC)

POLARIZED OPTION

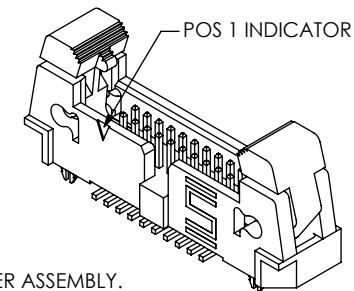
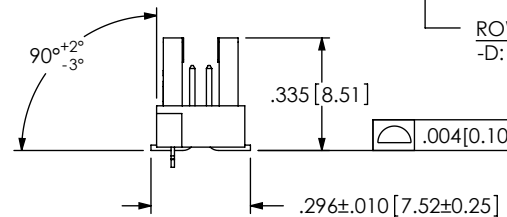
- XX = PIN OMITTED (N/A ON -RA OPTION)

TAIL OPTION

- (LEAVE BLANK FOR THROUGH HOLE, SEE FIG 4, SHEET 2, USE T-1S63-01-XX)
- SM: SURFACE MOUNT (USE T-1S15-02-XX)
- RA: RIGHT ANGLE (USE T-1S63-02-XX AND T-1S63-03-XX) (SEE FIG 5, SHEET 2)

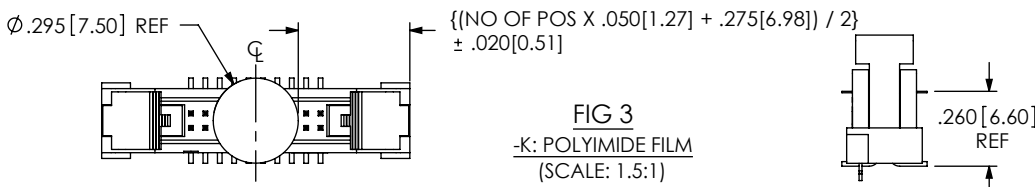
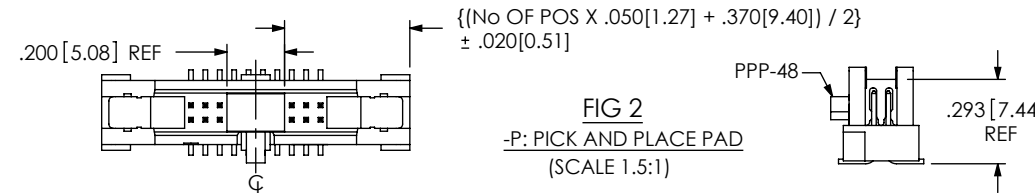
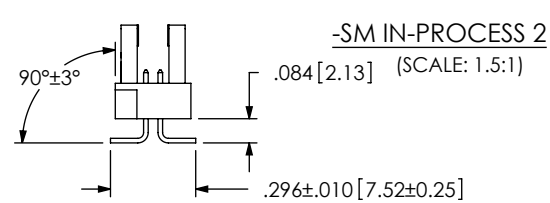
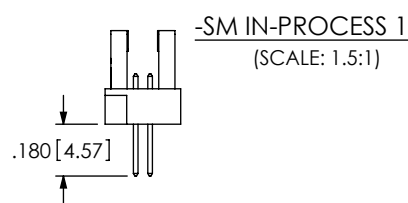
ROW SPECIFICATION

- D: DOUBLE

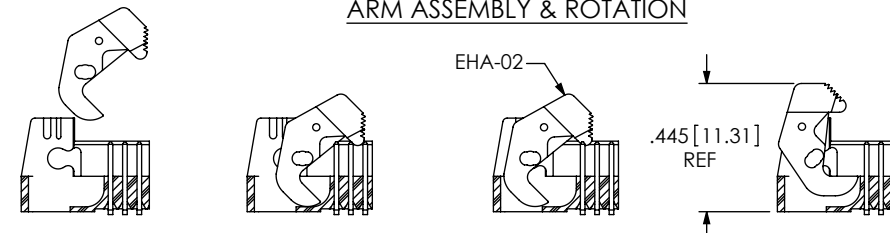


NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .004 [0.10].
3. BURR ALLOWANCE: .0015 [0.038] MAX.
4. MINIMUM PUSHOUT FORCE: 1 LB MIN.
5. MAXIMUM ALLOWABLE BOW: .002 [0.05] INCH/INCH AFTER ASSEMBLY.
6. NOTE DELETED.
7. 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.



ARM ASSEMBLY & ROTATION



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

PROPRIETARY NOTE

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.

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: VECTRA E130I, COLOR BLACK
50% REGRIND
TERMINAL: PHOS BRONZE 510 SPRING

SHEET SCALE: 1.75:1

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:
.050 EJECTOR HEADER ASSEMBLY

DWG. NO.
EHF-1XX-01-XX-D-XX-XX-XX

BY: ERIC M. 08/17/01 SHEET 1 OF 3

FIG 4

STANDARD THROUGH HOLE
(SHOWN: EHF-110-01-XX-D)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

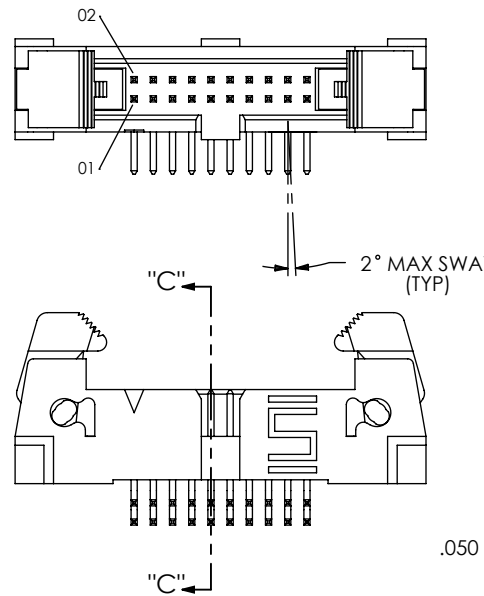
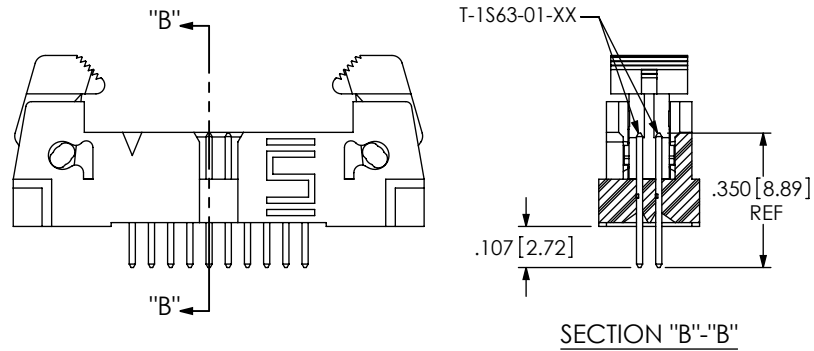
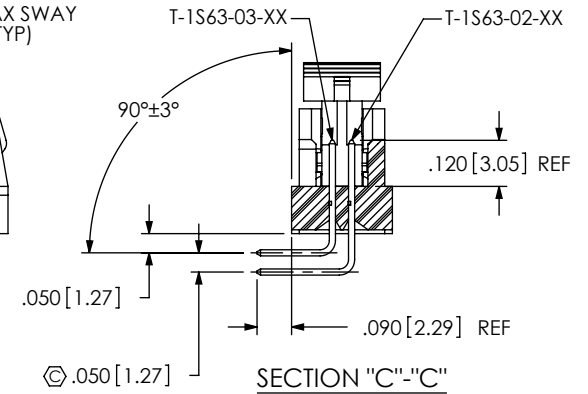


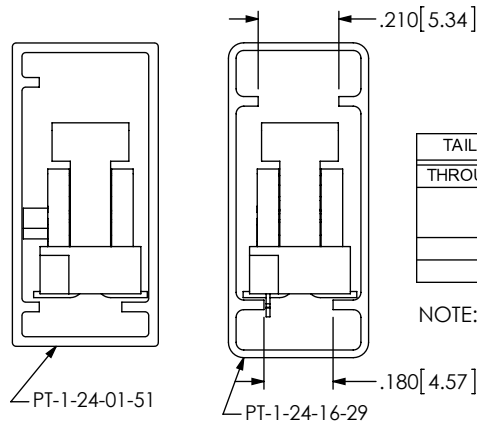
FIG 5

-RA: RIGHT ANGLE OPTION
(SHOWN: EHF-110-01-XX-D-RA)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



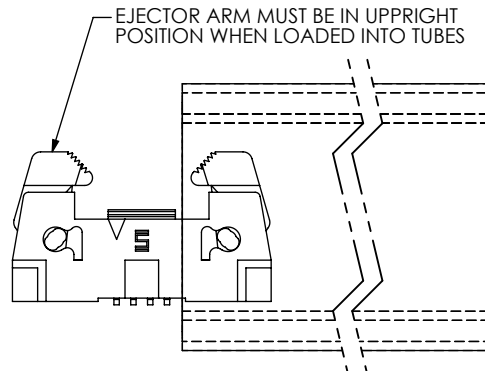
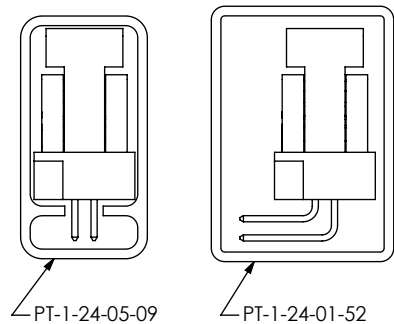
PACKAGING VIEWS

(LOAD PARTS WITH POSITION #1 INDICATOR
IN SAME DIRECTION AS ARROW ON TUBE)

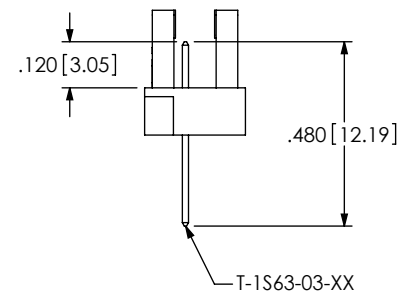


TAIL OPTION	OPTION	PACKAGING TUBE	PLUG
THROUGH HOLE	N/A	PT-1-24-05-09	TP-07
-SM	NONE, -LC, -K, -LC-K	PT-1-24-16-29	TP-07
-SM	-P, -LC-P	PT-1-24-01-51	TP-13
-RA	N/A	PT-1-24-01-52	TP-13

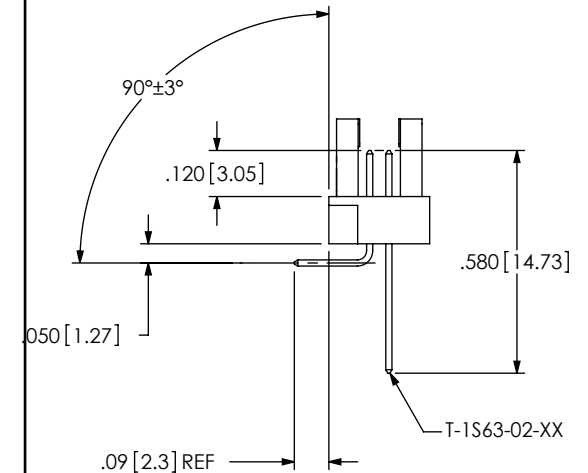
NOTE: ARROW POINTS INTO THE SHEET AWAY FROM YOU.



-RA IN-PROCESS 1



-RA IN-PROCESS 2



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

PROPRIETARY NOTE

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.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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:

.050 EJECTOR HEADER ASSEMBLY

DWG. NO.

EHF-1XX-01-XX-D-XX-XX-XX

BY: ERIC M.

08/17/01

SHEET 2 OF 3

FIG 6

-SM: SURFACE MOUNT OPTION
(SHOWN: EHF-110-01-XX-D-SM-LC)
(SHOWN WITH LATCHES OPEN)

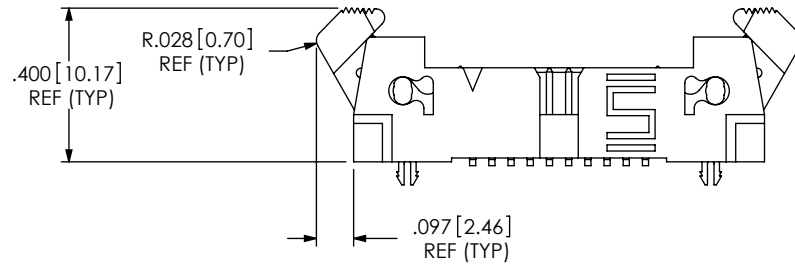
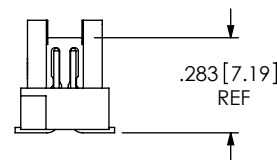
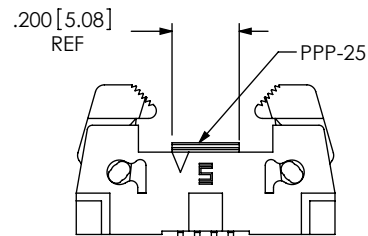


FIG 7

-03 & -04 PICK AND PLACE PAD
(SHOWN: EHF-104-01-XX-D-SM-XX-P)



LATCHES OMITTED FOR CLARITY

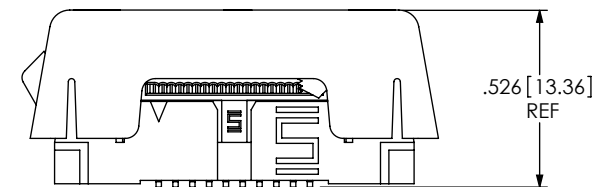
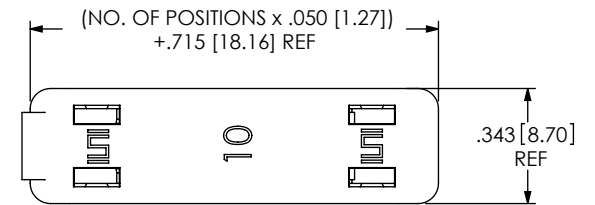


FIG 8
APPLICATION VIEW
EHF MATED WITH FFSD AND ECF

PROPRIETARY NOTE

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.

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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:

.050 EJECTOR HEADER ASSEMBLY

DWG. NO.

EHF-1XX-01-XX-D-XX-XX-XX

BY: ERIC M. 08/17/01

SHEET 3 OF 3