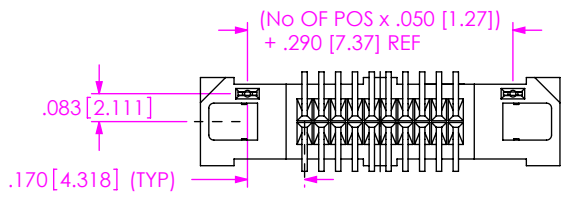
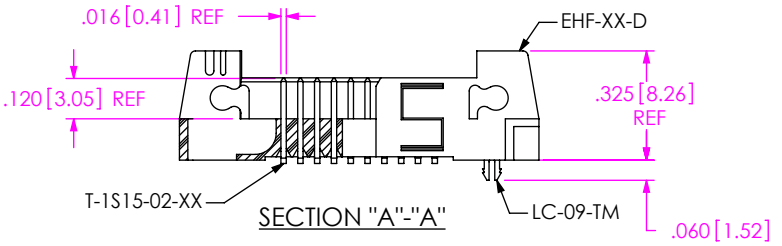
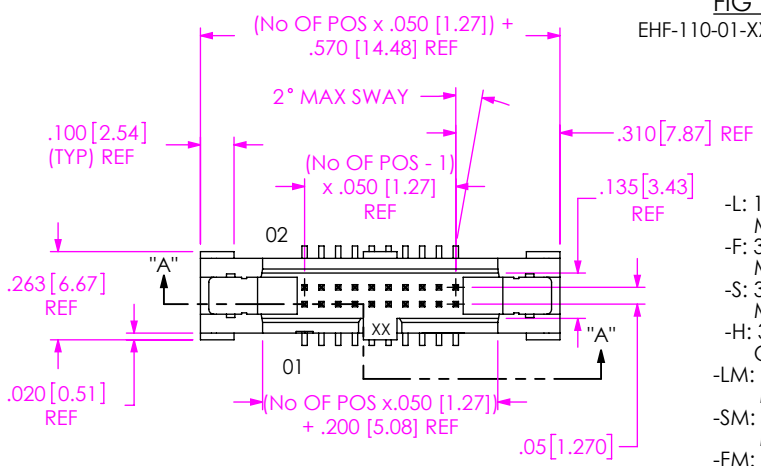


DO NOT SCALE FROM THIS PRINT

FIG 1  
EHF-110-01-XX-D-SM-LC



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)

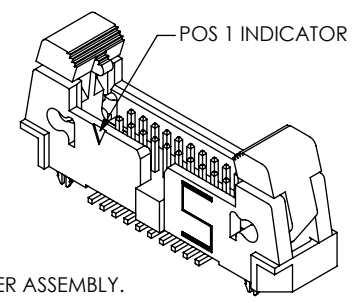
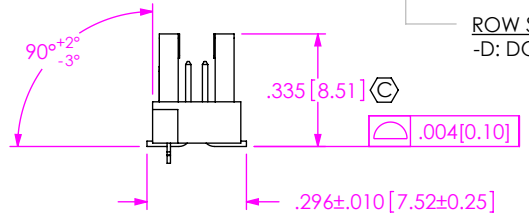
**POLARIZED OPTION**

- 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)

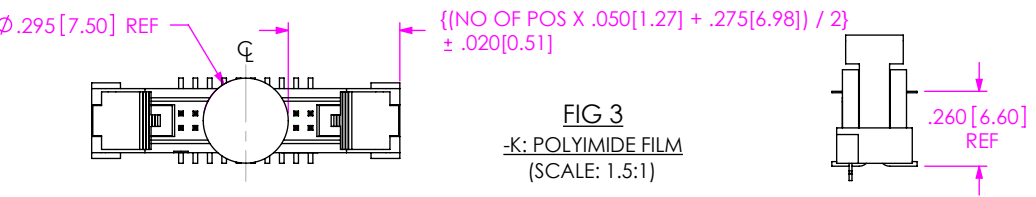
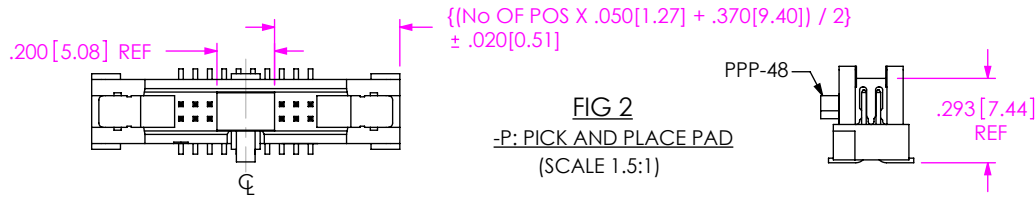
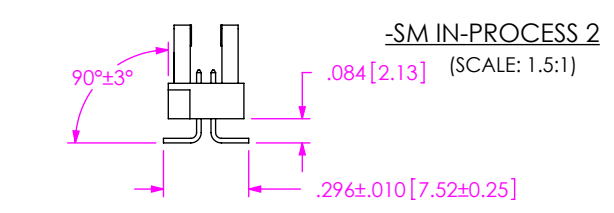
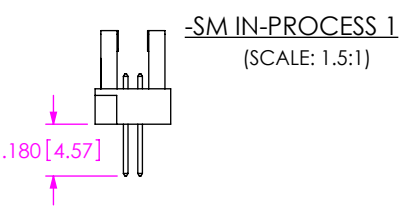
**ROW SPECIFICATION**

- D: DOUBLE

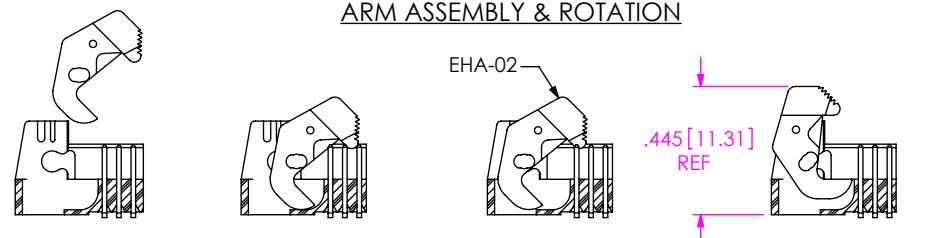


NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .004[0.10].
3. MAXIMUM BURR ALLOWANCE: .0015 [0.038].
4. MINIMUM PUSHOUT FORCE: 1 LB.
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[0.3]	2°
.XXX: ±.005[0.13]	
.XXXX: ±.0020[0.051]	

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**MATERIAL:** DO NOT SCALE DRAWING  
INSULATOR: VECTRA E130i, COLOR BLACK 50% REGRIND  
TERMINAL: PHOS BRONZE 510 SPRING

SHEET SCALE: 1.75:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 53322

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)

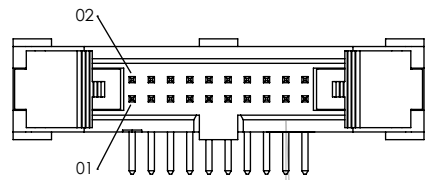
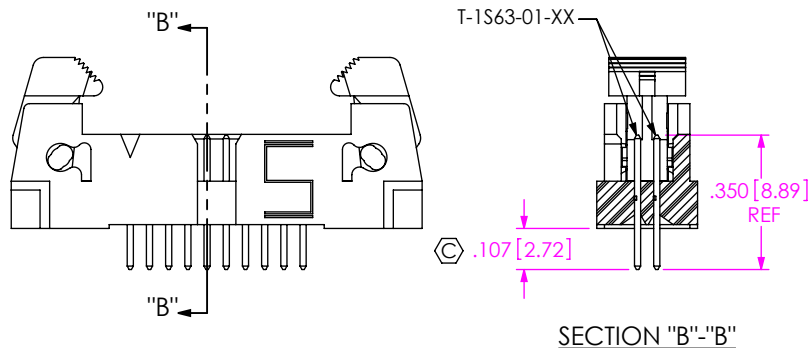
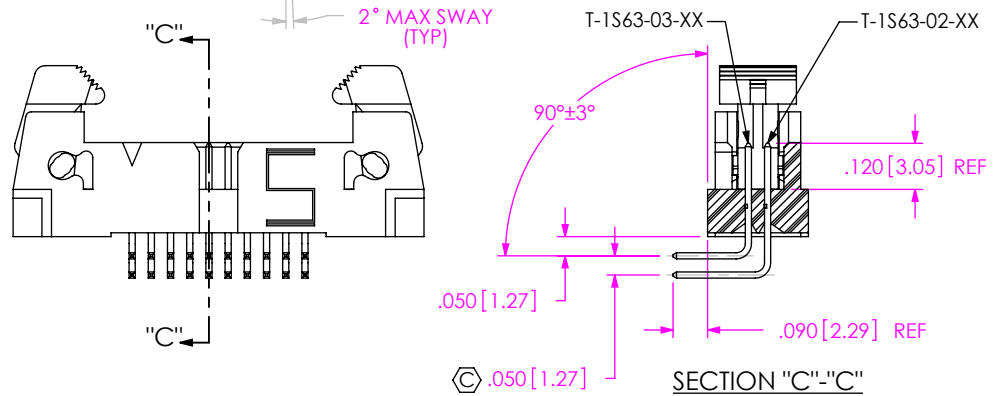


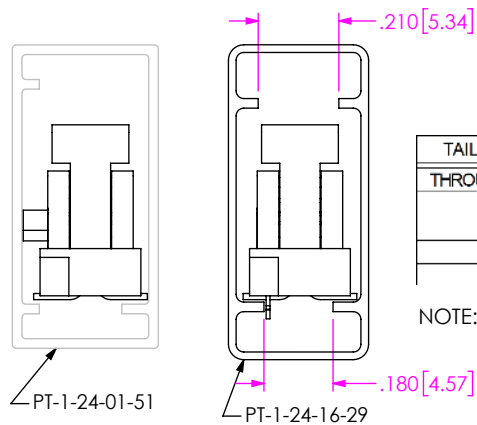
FIG 5

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



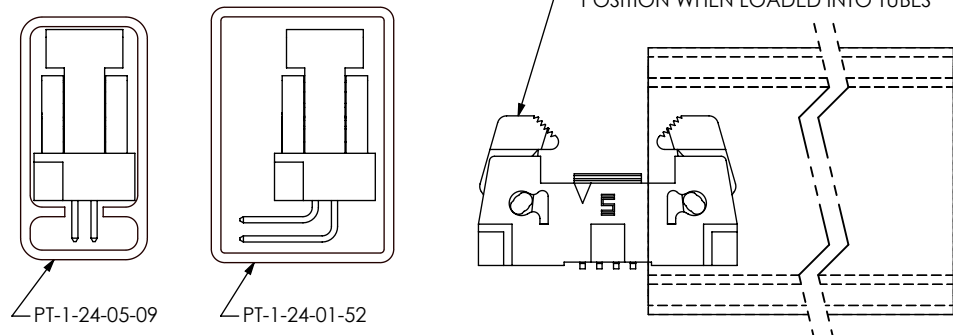
PACKAGING VIEWS

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

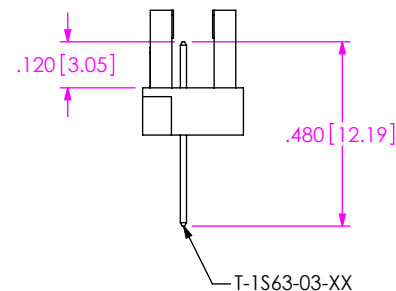


TAIL OPTION	OPTION	PACKAGING TUBE	PLUG
THROUGH HOLE	N/A	PT-1-24-05-09	TP-07
-SM	NONE, -LC, -K, -LC-K	PT-1-24-16-29	
-SM	-P, -LC-P	PT-1-24-01-51	TP-13
-RA	N/A	PT-1-24-01-52	

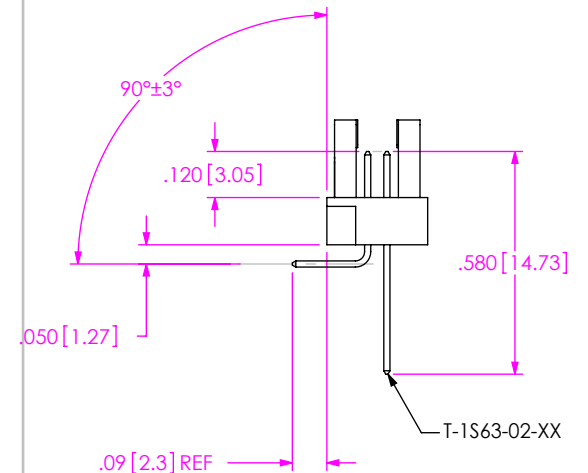
NOTE: ARROW POINTS INTO THE SHEET AWAY FROM YOU.



-RA IN-PROCESS 1



-RA IN-PROCESS 2



F:\dwg\sw\exisprod\assembly\050\EHF-1XX-01-XX-D-XX-XX-XX-ASM.SLDDRW

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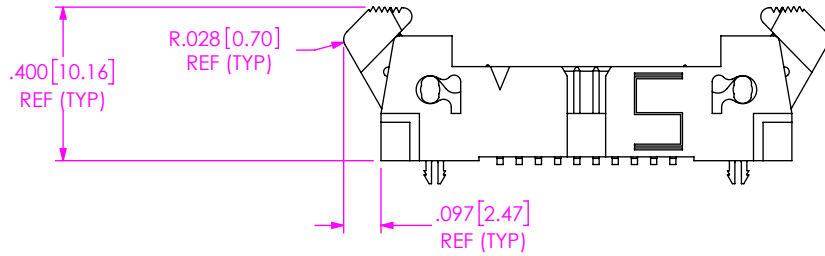
SHEET SCALE: 2:1



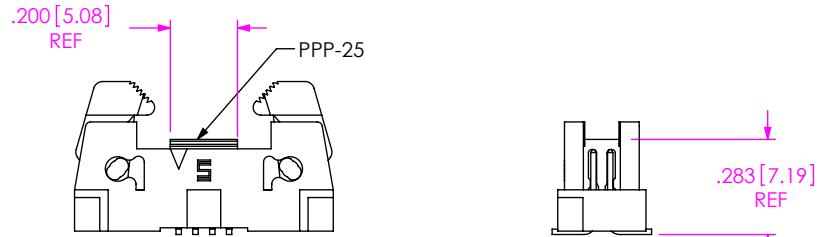
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION: .050 EJECTOR HEADER ASSEMBLY  
DWG. NO. EHF-1XX-01-XX-D-XX-XX-XX  
BY: ERIC M. 08/17/01 SHEET 2 OF 3

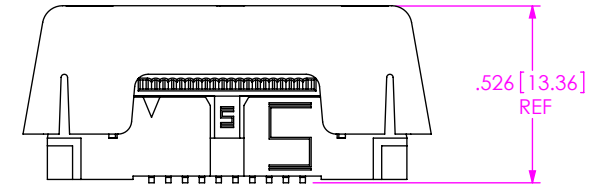
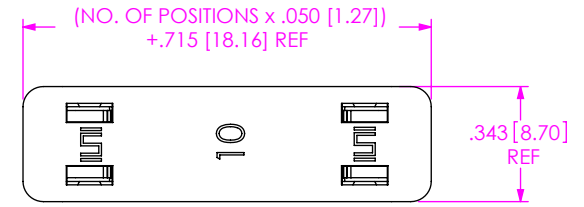
**FIG 6**  
 -SM: SURFACE MOUNT OPTION  
 (SHOWN: EHF-110-01-XX-D-SM-LC)  
 (SHOWN WITH LATCHES OPEN)



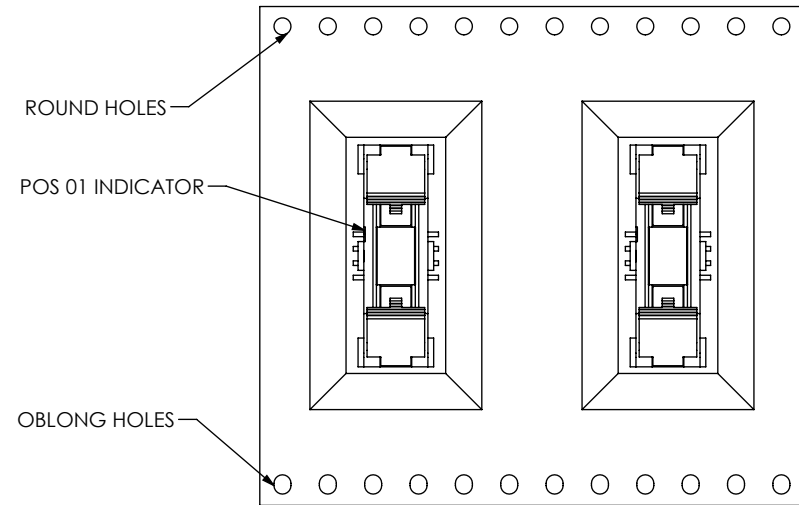
**FIG 7**  
 -03 & -04 PICK AND PLACE PAD  
 (SHOWN: EHF-104-01-XX-D-SM-XX-P)



LATCHES OMITTED FOR CLARITY



**FIG 8**  
 APPLICATION VIEW  
 EHF MATED WITH FFSD AND ECF



**FIG 9**  
 -TR: TAPE & REEL

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SHEET SCALE: 2:1



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