

DO NOT SCALE FROM THIS PRINT

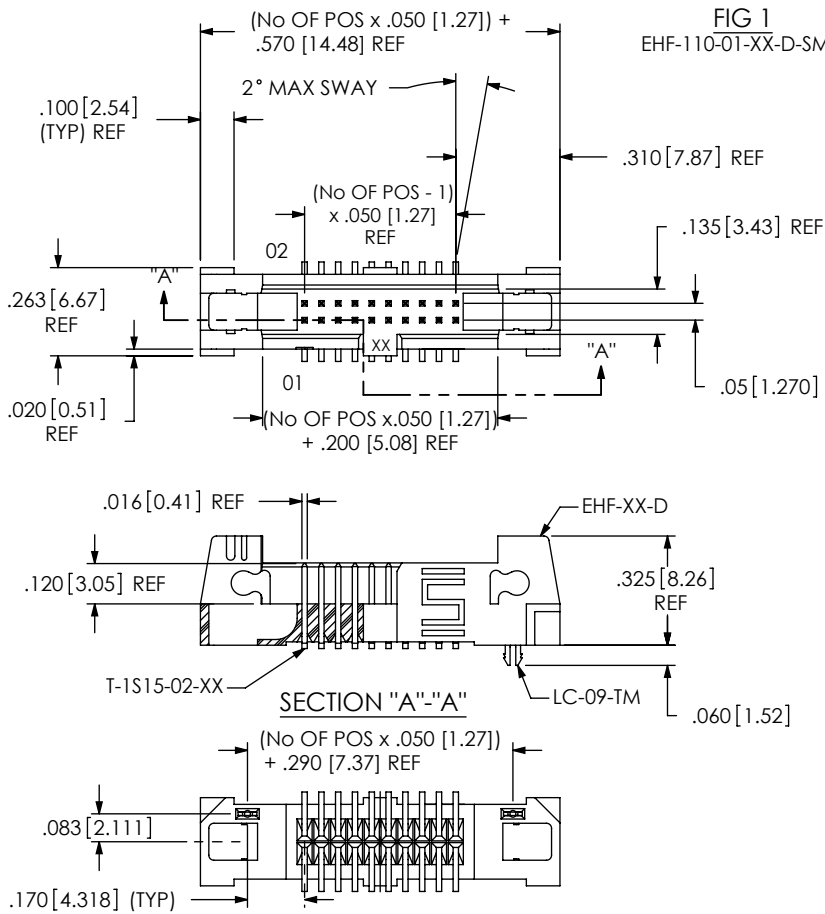
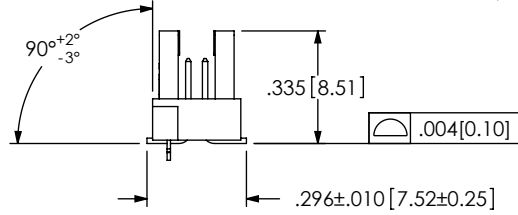
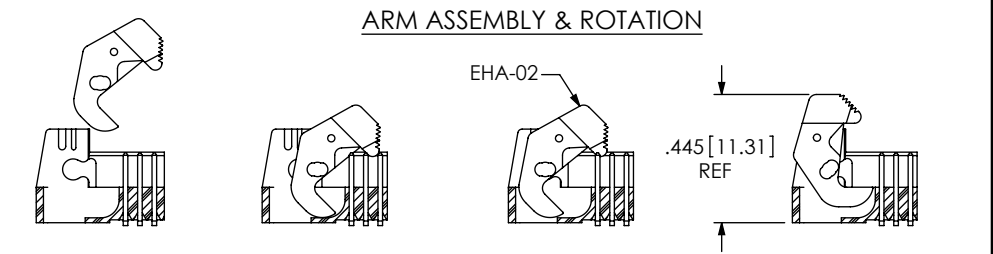
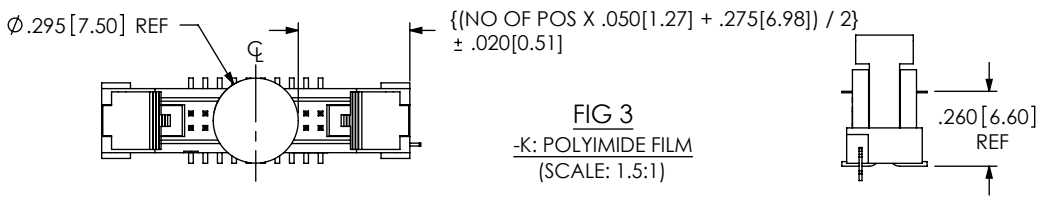
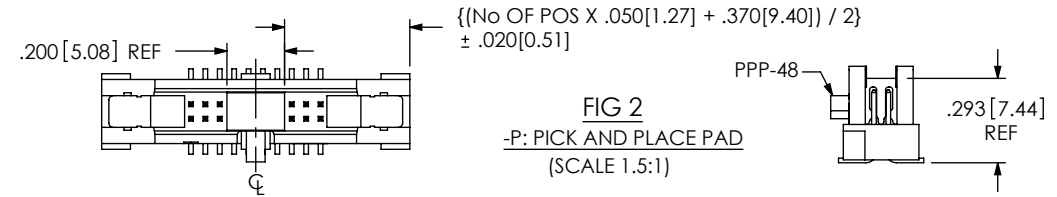
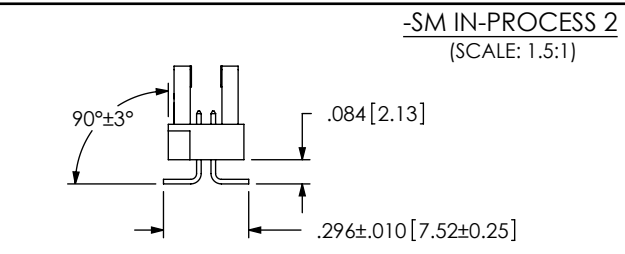
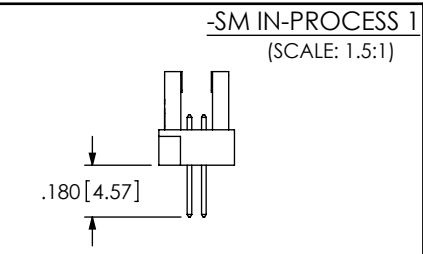
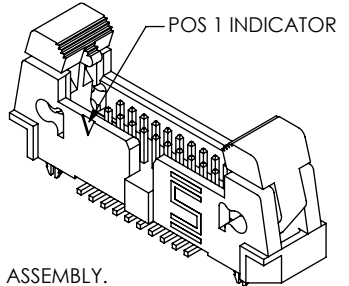


FIG 1
EHF-110-01-XX-D-SM-LC

- 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: LIGHT GOLD (USE T-1SXX-XX-L)
-F: FLASH SELECTIVE GOLD (USE T-1SXX-XX-F)
-S: SELECTIVE (USE T-1SXX-XX-S)
-H: HEAVY GOLD, GOLD FLASH ON TAIL (USE T-1SXX-XX-H)
-LM: LIGHT SELECTIVE GOLD, MATTE TIN ON TAIL (USE T-1SXX-XX-L)
-SM: HEAVY SELECTIVE GOLD, MATTE TIN ON TAIL (USE T-1SXX-XX-S)
-FM: FLASH SELECTIVE GOLD, 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.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3] 2°
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
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e-Mail: info@SAMTEC.com code: 55322

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

DESCRIPTION: .050 EJECTOR HEADER ASSEMBLY
DWG. NO. EHF-1XX-01-XX-D-XX-XX-XX

FIG 4

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

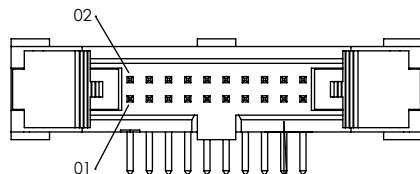
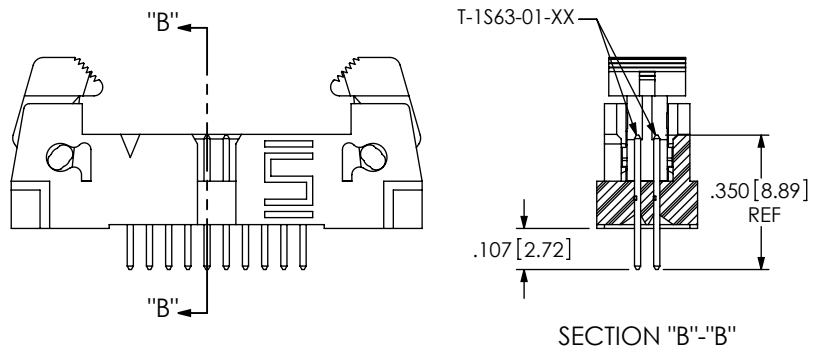
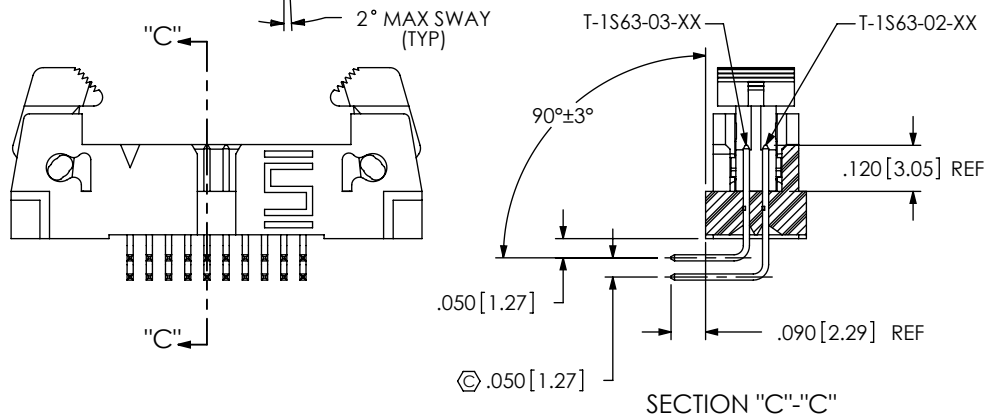
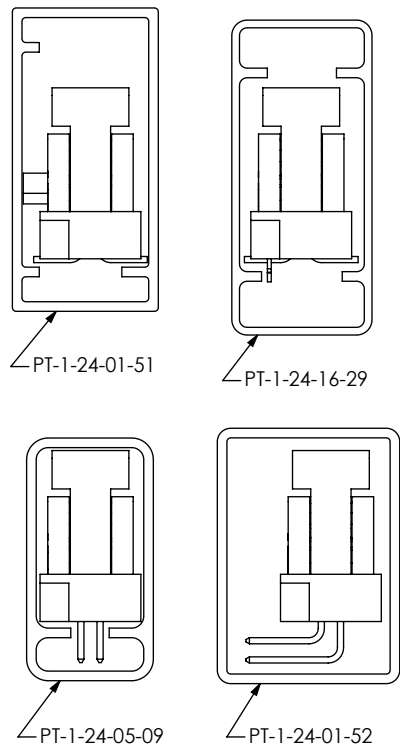


FIG 5

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

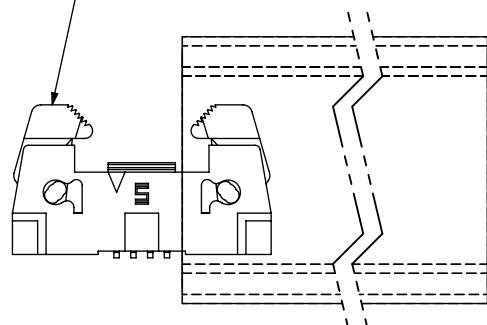


PACKAGING VIEWS
(LOAD PARTS WITH POSITION #1 INDICATOR
IN SAME DIRECTION AS ARROW ON TUBE)

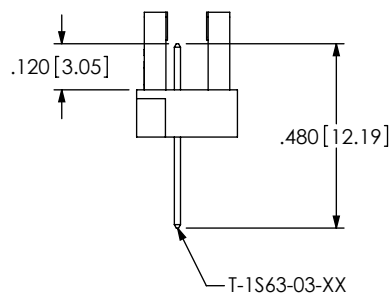


TAIL OPTION	OPTION	PACKAGING TUBE	PLUG
THROUGH HOLE	N/A	PT-1-24-05-09	TP-07
-SM	NONE, -LC, -K, -LC-K	PT-1-24-16-29	
-SM	-P, -LC-P	PT-1-24-01-51	TP-13
-RA	N/A	PT-1-24-01-52	

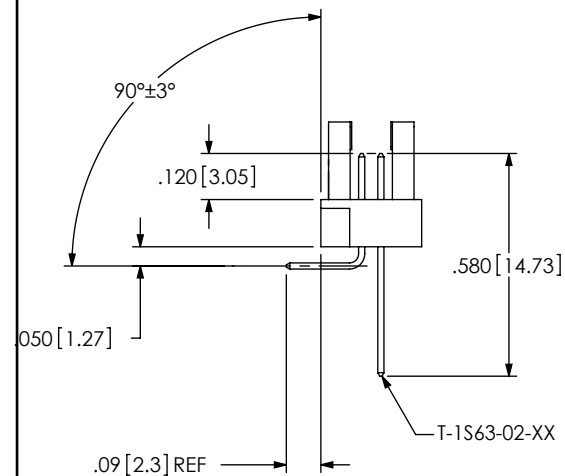
EJECTOR ARM MUST BE IN UPRIGHT POSITION WHEN LOADED INTO TUBES



-RA IN-PROCESS 1



-RA IN-PROCESS 2



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

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SHEET SCALE: 2:1



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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)

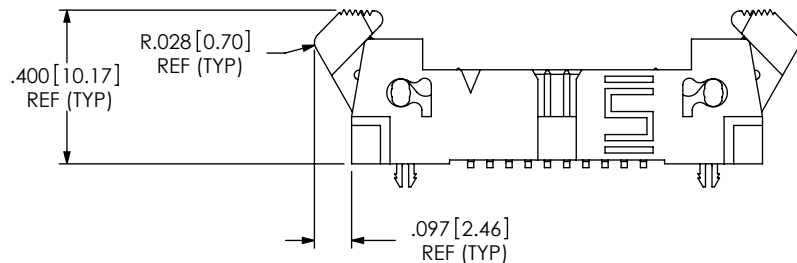
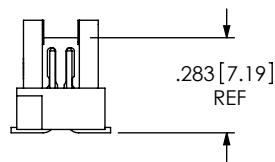
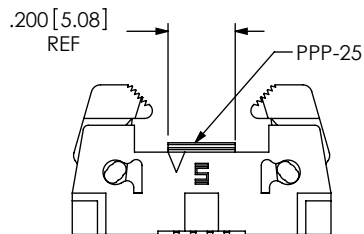


FIG 7

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



LATCHES OMITTED FOR CLARITY

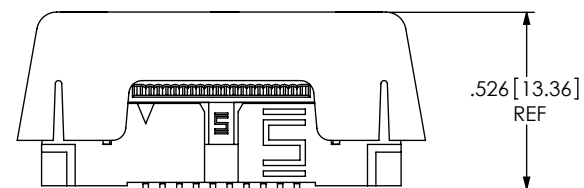
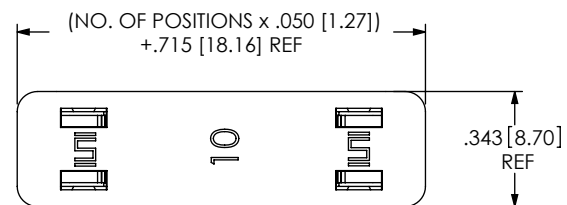


FIG 8
APPLICATION VIEW
EHF MATED WITH FFSD AND ECF

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