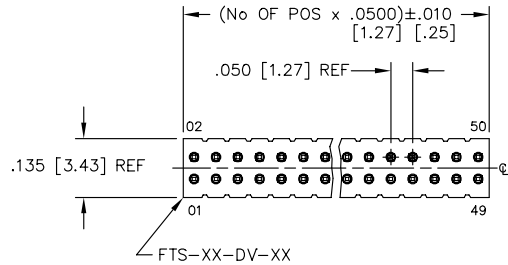


REVISION AY

DO NOT SCALE FROM THIS PRINT

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE:	DWG NO:
ONE PLACE DECIMALS ±.1[2.5]	THREE PLACE DECIMALS ±.005[.13]	ANGLES ± 2°	TWO PLACE DECIMALS ±.01[.25]		FOUR PLACE DECIMALS ±.0020[.051]	.050 x .050 C.L. LOW PROFILE TERMINAL STRIP ASSEMBLY	FTS-1XX-XX-XX-XX-XX
							SHEET 1 OF 4



LEAD STYLE	'A'
-01	.120 [3.05]
-02	.075 [1.91]
* -03	.065 [1.65]
-04	.150 [3.81]

FTS-1XX-XX-XX-XX-XX

No OF POSITIONS
-02 THRU -50 (UNSHROUDED)
-06 THRU -46 (SHROUDED)
(PER ROW)

LEAD STYLE
SEE TABLE 1

PLATING
-L: LIGHT SELECTIVE (SEE NOTE 10)
-F: FLASH SELECTIVE (SEE NOTE 10)
-S: SELECTIVE *
(MINIMUMS APPLY) (SEE NOTE 10)
-H: HEAVY GOLD (SEE NOTE 10)
-SM: HEAVY GOLD SELECTIVE, MATTE TIN TAIL (SEE NOTE 10)
-LM: LIGHT GOLD SELECTIVE, MATTE TIN TAIL (SEE NOTE 10)
-FM: FLASH GOLD SELECTIVE, MATTE TIN TAIL (SEE NOTE 10)

OPTIONS
-P: PICK & PLACE PAD (USE PPP-25) (AVAILABLE ON POSITIONS -05 THRU -50) (SEE FIG. 5, SHT 2 & FIG 7, SHT 3)
-TR: TAPE & REEL PACKAGING (SEE FIG 10, SHT 4)
-S: END SHROUDS (SEE FIG. 3, SHT 2 & FIG 6, SHT 3) (LEAD STYLE -02 & -03 ONLY) [05 POS MINIMUM, 46 POS MAXIMUM]
-SA: END SHROUDS W/ ALIGNMENT PINS (SEE FIG. 4, SHT 2 & FIG 8, SHT 3) (LEAD STYLE -02 & -03 ONLY) [05 POS MINIMUM, 46 POS MAXIMUM]
-A: MOLDED ALIGNMENT PIN (FTS-XX-DV-XX) ONLY AVAILABLE IN -DV OPTION (5 POS. MINIMUM) (SEE FIG. 9, SHT 3)

TAIL OPTION
-D: DOUBLE ROW THROUGH HOLE
-DV: DOUBLE ROW VERTICAL SURFACE MOUNT

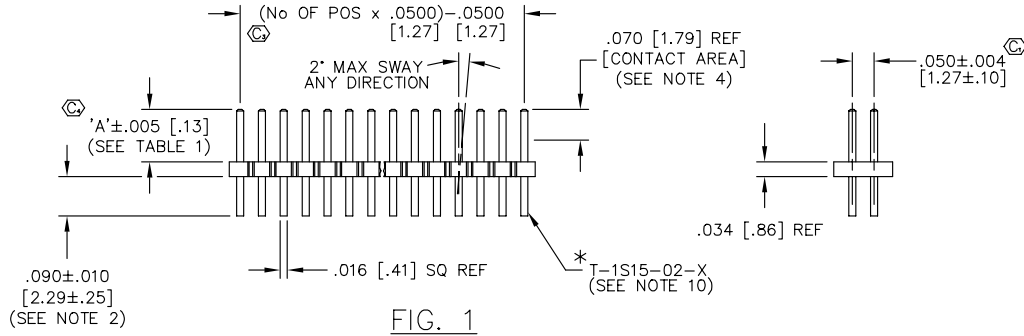
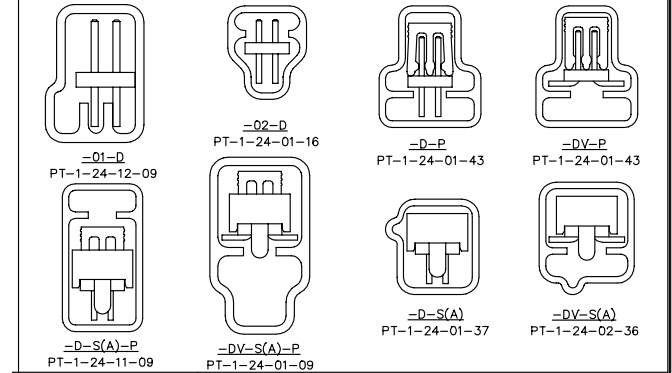


FIG. 1

TABLE 2		
LEAD STYLE	PACKAGING TUBE (SEE NOTE 8 & 9)	PLUG
-01-D	PT-1-24-12-09	TP-24-02
-01-DV	PT-1-24-01-43	TP-24
-02-D	PT-1-24-01-16	TP-12
-DV,-D-P,-DV-P,-DV-A	PT-1-24-01-43	TP-24
-D-S(A)-P	PT-1-24-11-09	TP-24
-DV-S(A)-P	PT-1-24-01-09	TP-24
-D-S(A)	PT-1-24-01-37	TP-24-02
-DV-S(A)	PT-1-24-02-36	TP-24-02

NOTE: POSITIONS -05 THRU -50 TO BE TUBED. POSITIONS -02 THRU -04 ON TAIL OPTION -D TO BE LAYER PACKAGED. POSITIONS -02 THRU -04 ON TAIL OPTION -DV TO BE TAPE & REELED.



- NOTES:
- PARTS MAY BE CUT TO POSITION.
 - SHEAR TAILS TO DIMENSION SHOWN.
 - MEASURED AT BEND RADIUS, NOT AT END OF PIN.
 - GOLD PLATING TO BE ON POST, TIN PLATING TO BE ON TAIL.
 - ⊕ REPRESENTS A CRITICAL DIMENSION.
 - 4 POSITIONS PER ROW WILL BE COVERED BY SHROUDS (2 POSITIONS PER ROW ON EACH END).
 - 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ALLOW FOR SHROUDS, EXAMPLE: FTS-125-02-L-D-SA REQUIRES A 29 POSITION FTS BODY.
 - NOTE DELETED.
 - POSITIONS -02 THRU -04 TO BE LAYER PACKAGED (-DV & -D TAIL).
 - MUST USE T-1S15-06-X FOR LEAD STYLE -03. USE T-1S40-04-XX-2 RAN ON MICRO HEADER MACHINE. USE T-1S15-03-X RAN ON BKT MACHINE.
 - PUSH OUT FORCE: .5 LB (8 OZ) MIN.
 - .010 MAX FLASH.
 - .015 [.38] MAX CUT FLASH.

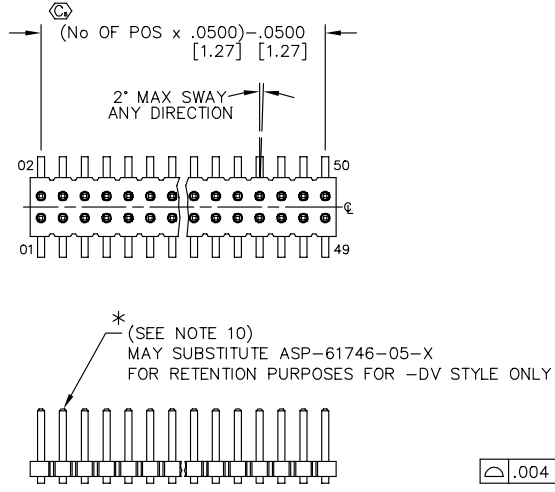


FIG. 2

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

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MATERIAL:
BODY: VECTRA E130
COLOR: BLACK

TERMINAL:
PHOS BRONZE
MAX FLASH ALLOWED: .002 [.05]
MAX GATE VESTIGE ALLOWED: .002 [.05]

EXISPROB (ASSEMBLY) 050 FTS-ASM

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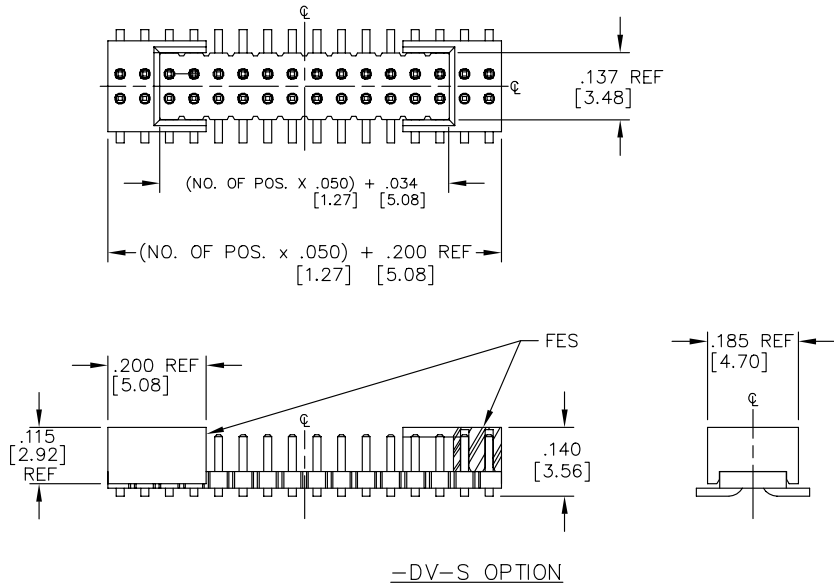
ENG. APPROVAL: FTS-1XX-XX-XX-XX-XX

SHEET 1 OF 4

REV. AZ

AY FIG. 3

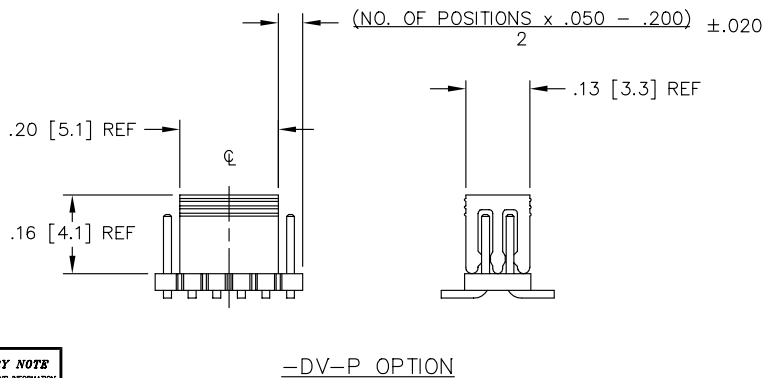
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)



* NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIM'S.

FIG. 5

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



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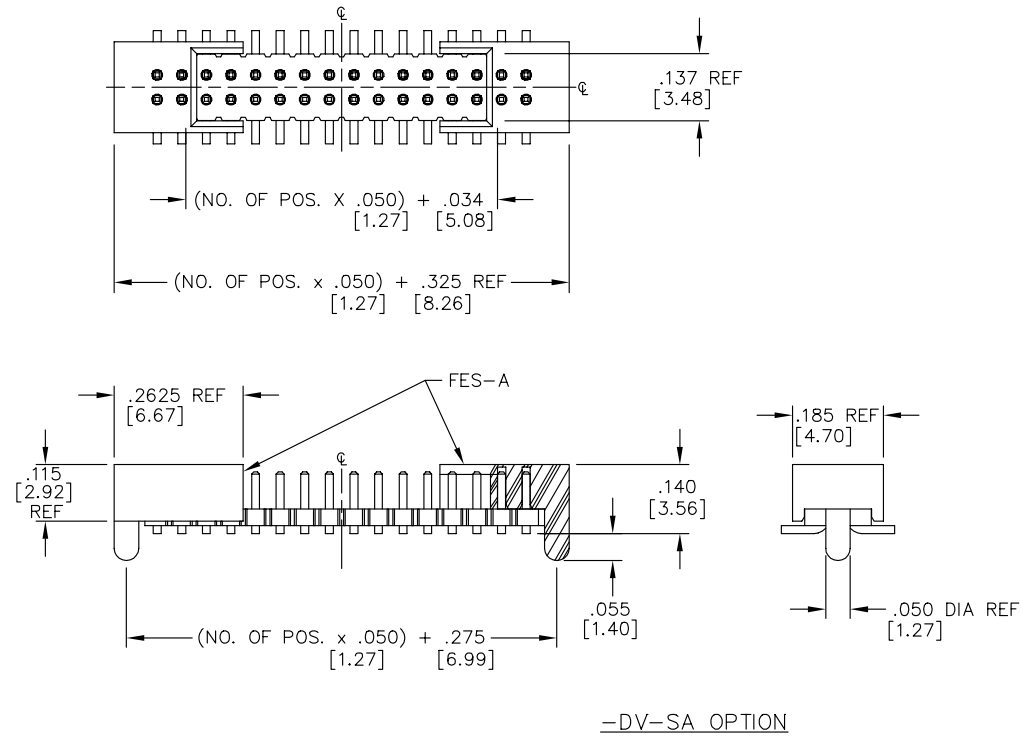
ONE PLACE DECIMALS ±.1[2.5] THREE PLACE DECIMALS ±.005[.13] ANGLES ± 2°
TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.051]

TITLE:
.050 x .050 C.L. LOW
PROFILE TERMINAL
STRIP ASSEMBLY

DWG NO:
FTS-1XX-XX-XX-XX-XX
SHEET 2 OF 4

FIG. 4

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)



* NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIM'S.

PLOT SCALE: 1 = .2

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FIG. 6

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)

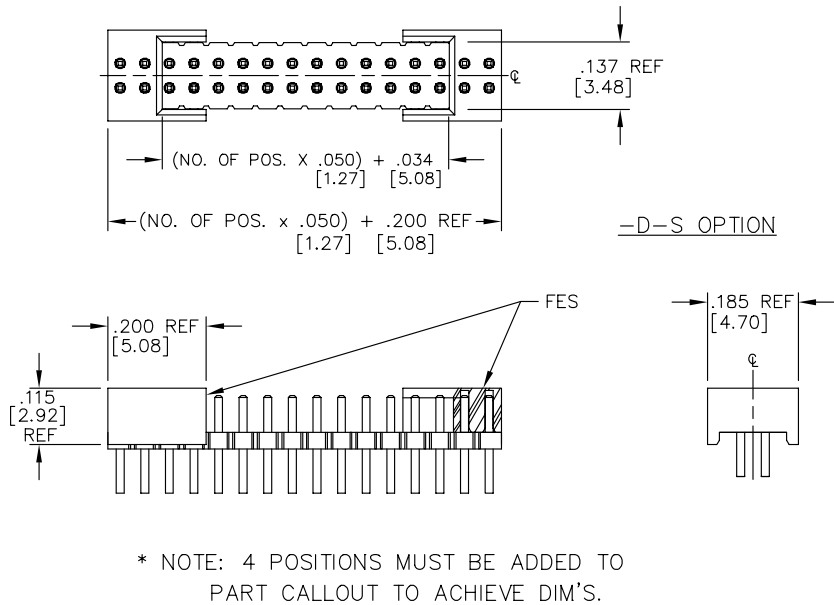
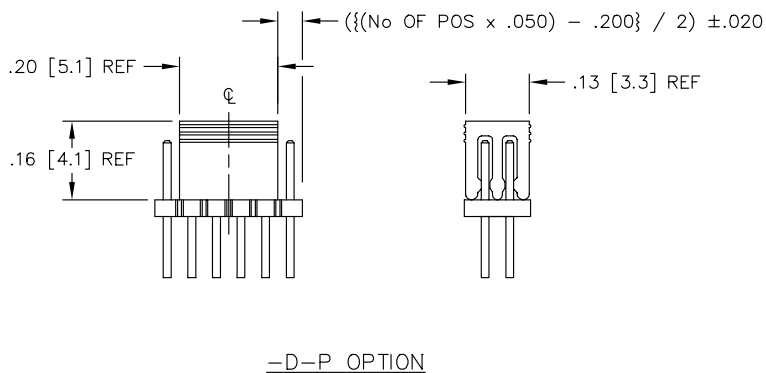


FIG. 7

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)



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ONE PLACE DECIMALS $\pm .1$ [2.5] THREE PLACE DECIMALS $\pm .005$ [13]
TWO PLACE DECIMALS $\pm .01$ [25] FOUR PLACE DECIMALS $\pm .0020$ [51]

ANGLES $\pm 2^\circ$

TITLE:
.050 x .050 C.L. LOW
PROFILE TERMINAL
STRIP ASSEMBLY

DWG NO:
FTS-1XX-XX-XX-XX-XX
SHEET 3 OF 4

FIG. 8

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)

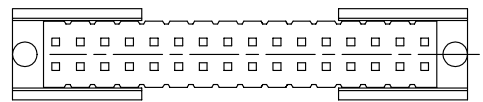
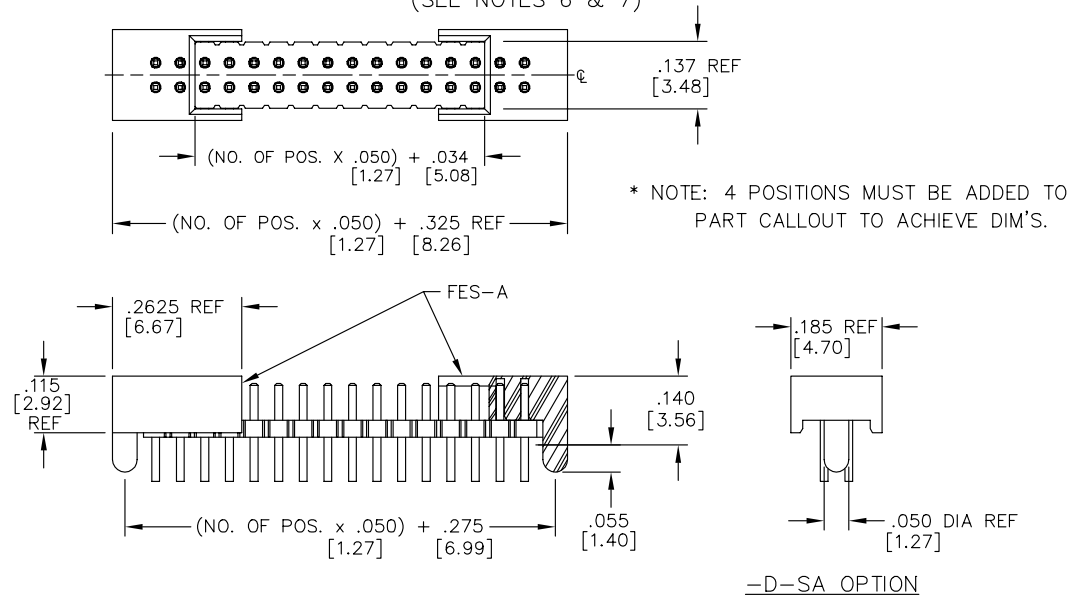


FIG. 9

-A: MOLDED ALIGNMENT PIN OPTION
(ONLY AVAILABLE IN -DV OPTION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

PLOT SCALE: 1 = .2

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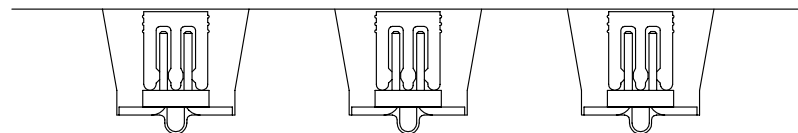
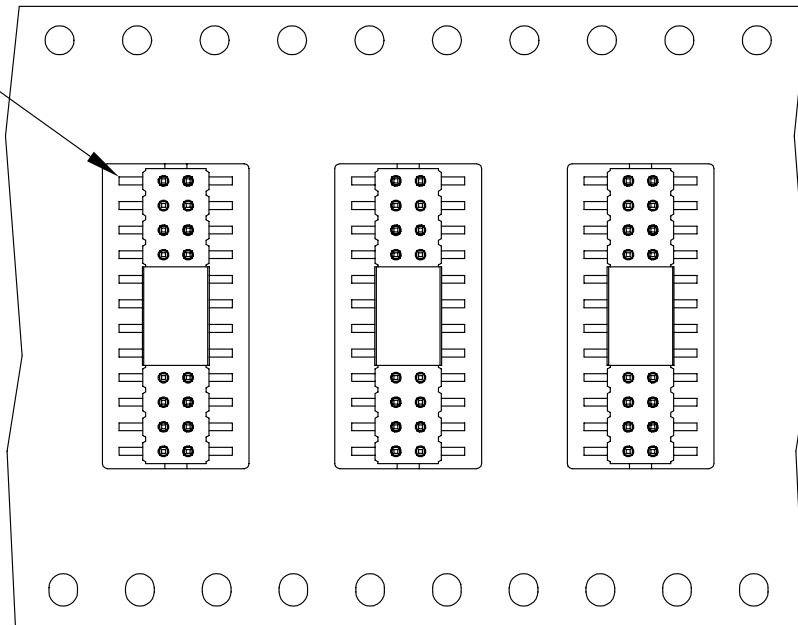
ONE PLACE DECIMALS ±.1[.25] THREE PLACE DECIMALS ±.005[.13]
TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.051]

ANGLES
± 2°

TITLE:
.050 x .050 C.L. LOW
PROFILE TERMINAL
STRIP ASSEMBLY

DWG NO:
FTS-1XX-XX-XX-XX-XX
SHEET 4 OF 4

POSITION 1



USER DIRECTION OF FEED →

FIG. 10

-TR: TAPE AND REEL PACKAGING

* NOTE: NOT AVAILABLE ON THROUGH HOLE LEAD STYLES.

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PLOT SCALE: 1 = .2

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SHEET 4 OF 4