

REVISION AY

DO NOT SCALE
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TOLERANCES ARE:

ONE PLACE DECIMALS $\pm 1[2.5]$ THREE PLACE DECIMALS $\pm .005[.13]$ ANGLES $\pm 2^\circ$
 TWO PLACE DECIMALS $\pm .01[.25]$ FOUR PLACE DECIMALS $\pm .0020[.051]$

TITLE:
 $.050 \times .050$ C.L. LOW
 PROFILE TERMINAL
 STRIP ASSEMBLY

DWG NO:

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

SHEET 1 OF 4

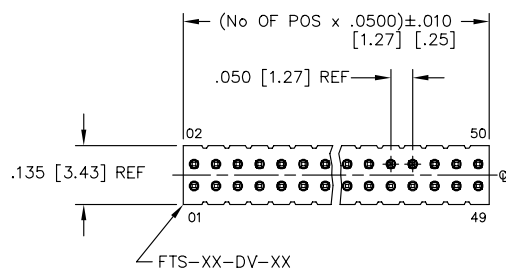


TABLE 1	
LEAD STYLE	'A'
-01	.120 [3.05]
-02	.075 [1.91]
* -03	.065 [1.65]
-04	.150 [3.81]

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

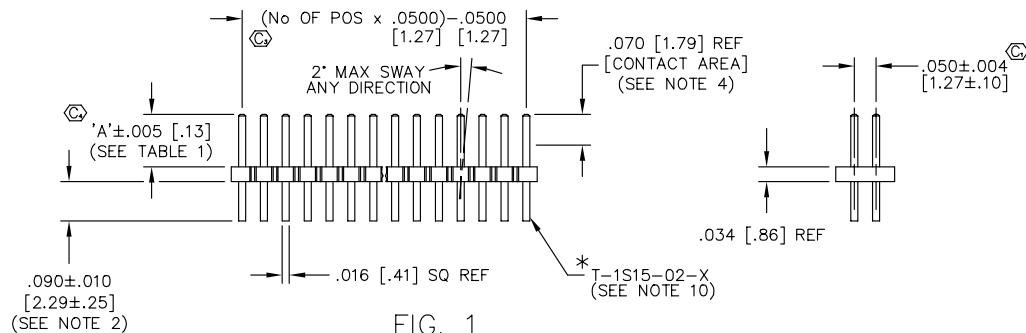


FIG. 1

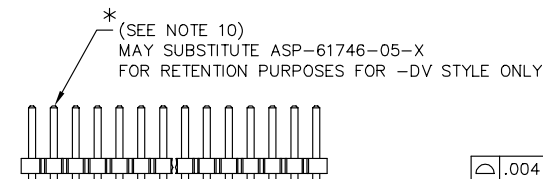
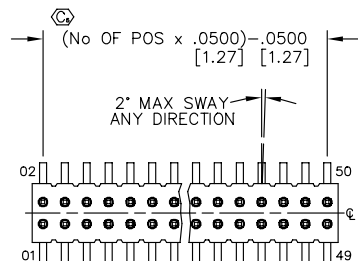
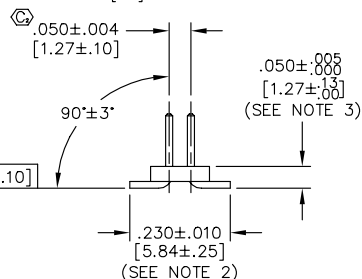


FIG. 2

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

NOTES:

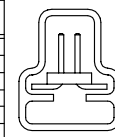
- PARTS MAY BE CUT TO POSITION.
- SHEAR TAILS TO DIMENSION SHOWN.
- MEASURED AT BEND RADIUS, NOT AT END OF PIN.
- GOLD PLATING TO BE ON POST, TIN PLATING TO BE ON TAIL.
- Ⓢ REPRESENTS A CRITICAL DIMENSION.
- 4 POSITIONS PER ROW WILL BE COVERED BY SHROUDS (2 POSITIONS PER ROW ON EACH END).
- 4 POSITIONS 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 [1.38] MAX CUT FLASH.



PACKAGING VIEW

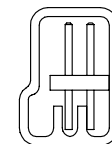
TABLE 2

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

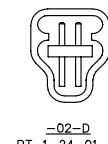


PT-1-24-01-43

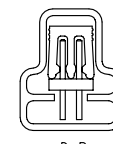
NOTE: POSITIONS -05 THRU -50 TO BE TUBED. POSITIONS -02 THRU -04 ON TAIL OPTION -D TO BE LAYER PACKAGED. POSITIONS -02 THRU -04 ON TAIL OPTION -DV TO BE TAPE & REELED.



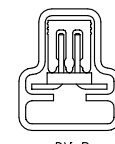
PT-1-24-12-09



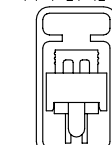
PT-1-24-01-16



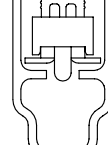
PT-1-24-01-43



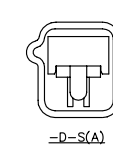
PT-1-24-01-43



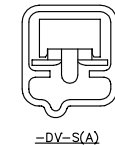
PT-1-24-11-09



PT-1-24-01-09



PT-1-24-01-37



PT-1-24-02-36

MATERIAL:
 BODY: VECTRA E130
 COLOR: BLACK

TERMINAL:
 PHOS BRONZE
 MAX FLASH ALLOWED:
 .002 [1.27]
 MAX GATE VESTIGE
 ALLOWED: .002 [1.27]

PLOT SCALE: 1 = .2

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520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150
 PHONE (812) 944-6733 P.O. BOX 1147
 CODE 55322

MADE BY: BRATCHER 11-29-93

ENG. APPROVAL

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

SHEET 1 OF 4

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AY FIG. 3

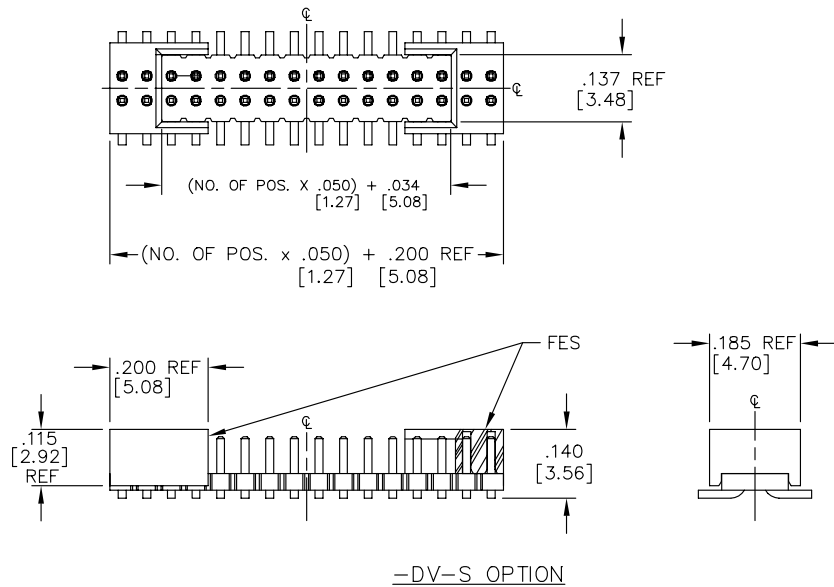
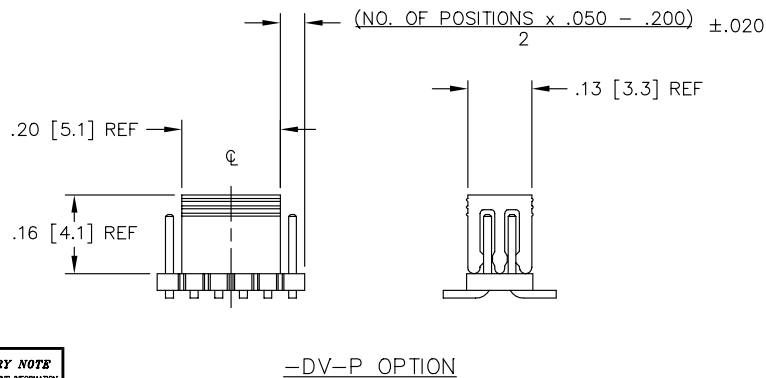
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)* NOTE: 4 POSITIONS MUST BE ADDED TO
PART CALLOUT TO ACHIEVE DIM'S.

FIG. 5

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



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TWO PLACE DECIMALS $\pm .01[.25]$ FOUR PLACE DECIMALS $\pm .0020[.051]$

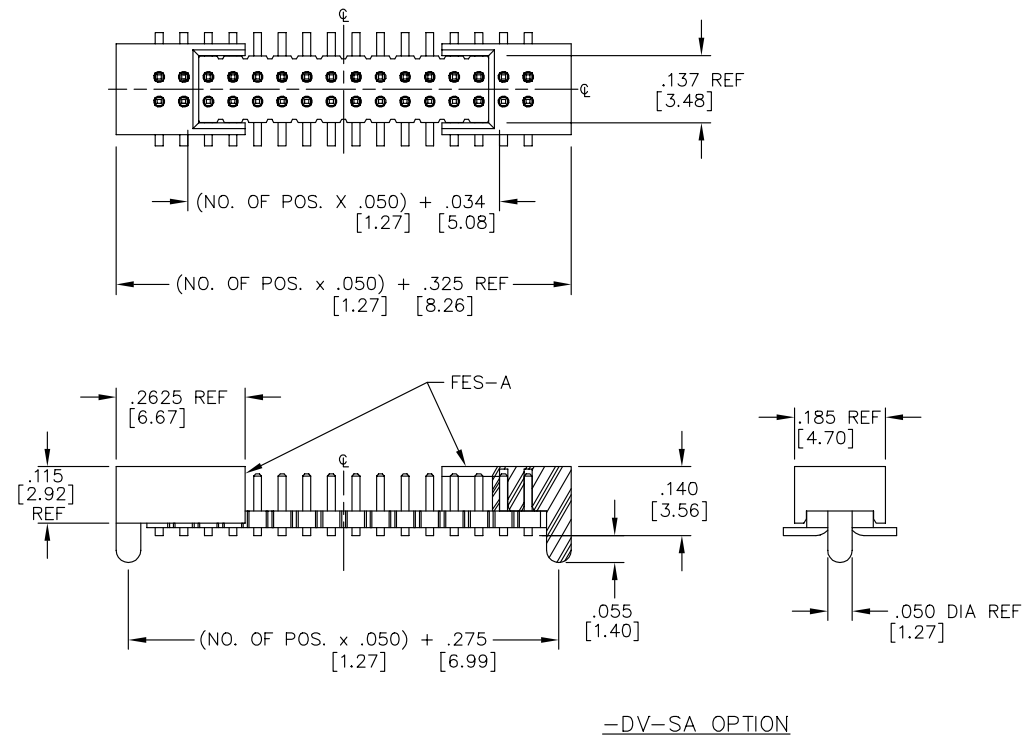
ANGLES
 $\pm 2^\circ$

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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SHEET 2 OF 4

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FIG. 6

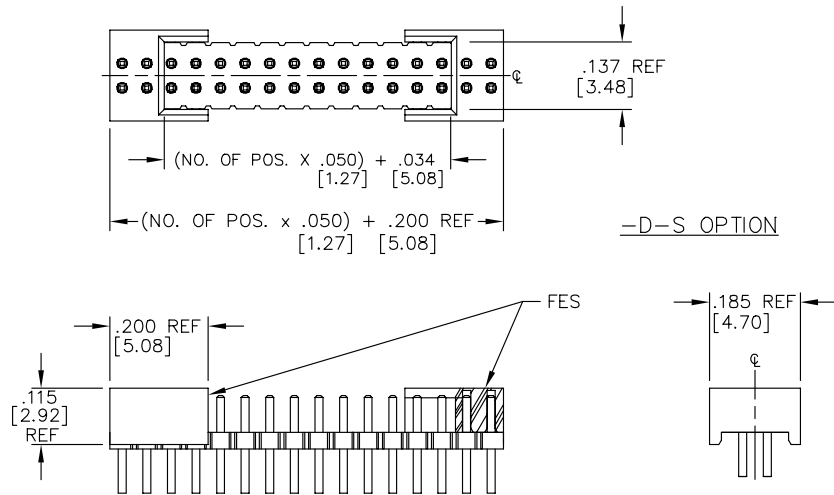
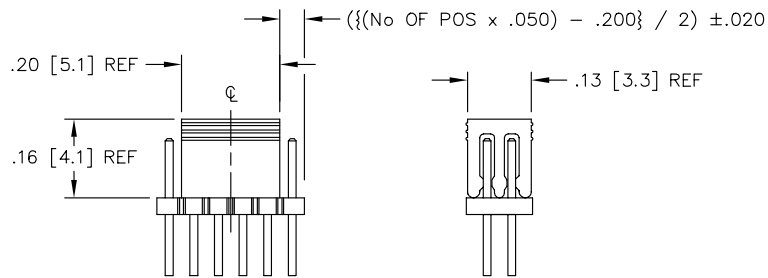
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)
(SEE NOTES 6 & 7)* NOTE: 4 POSITIONS MUST BE ADDED TO
PART CALLOUT TO ACHIEVE DIM'S.

FIG. 7

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



-D-P OPTION

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DIMENSIONS ARE IN INCHES

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TOLERANCES ARE:

ONE PLACE DECIMALS $\pm .1$ [2.5]THREE PLACE DECIMALS $\pm .005$ [13]

ANGLES

 $\pm 2^\circ$ TWO PLACE DECIMALS $\pm .01$ [25]FOUR PLACE DECIMALS $\pm .0020$ [51]

TITLE:

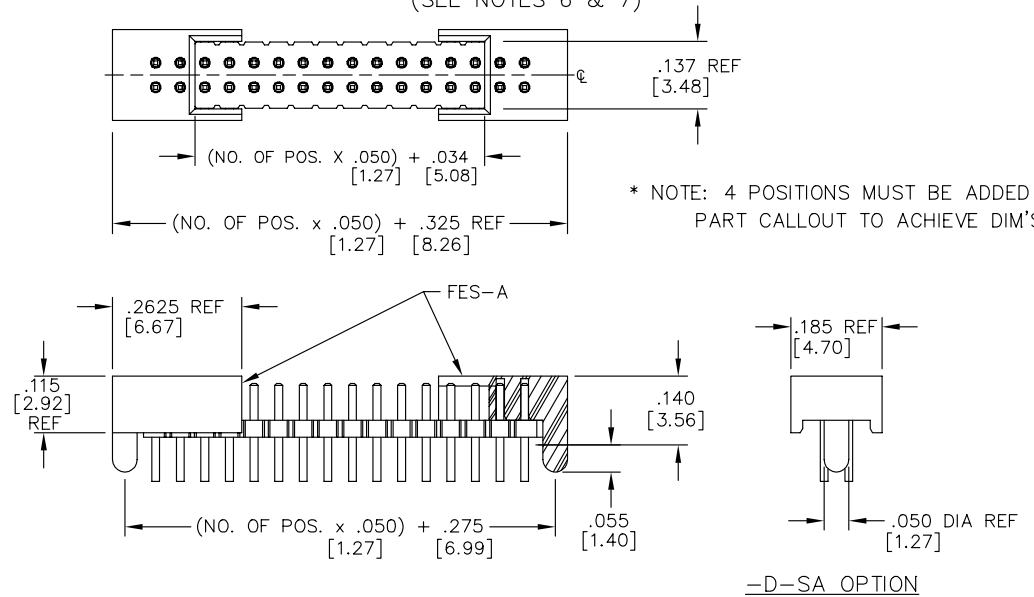
.050 x .050 C.L. LOW
PROFILE TERMINAL
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SHEET 3 OF 4

FIG. 8

(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.

-D-SA OPTION

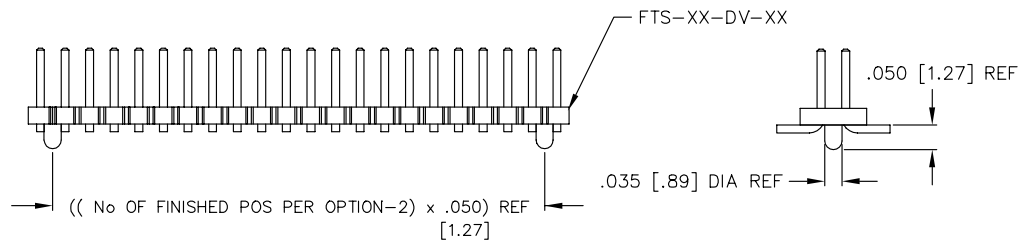
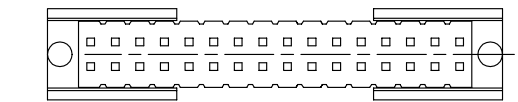


FIG. 9

-A: MOLDED ALIGNMENT PIN OPTION
(ONLY AVAILABLE IN -DV OPTION)

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

PLOT SCALE: 1 = .2

EXISPROD\ASSEMBLY\050
FTS-ASM3

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DIMENSIONS ARE IN INCHES TOLERANCES ARE:

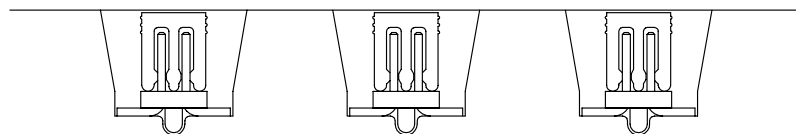
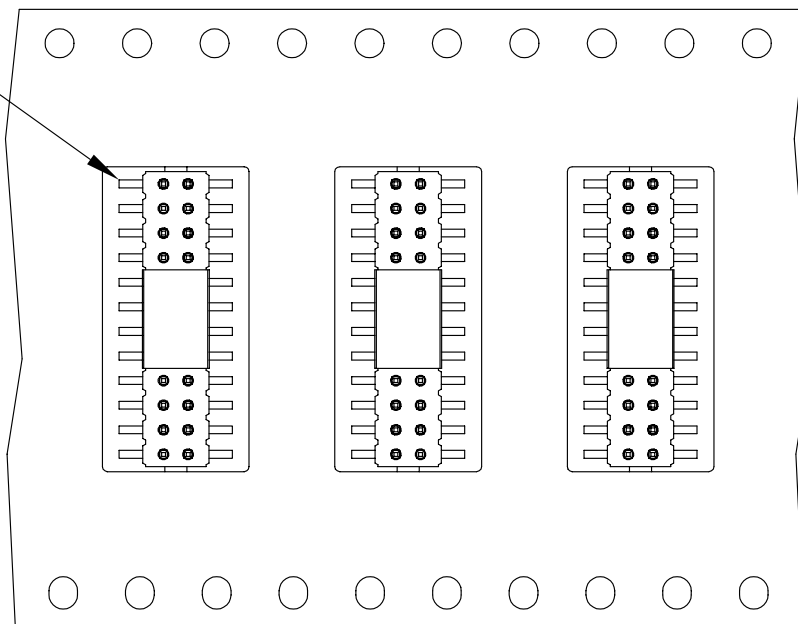
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TWO PLACE DECIMALS $\pm .01[.25]$ FOUR PLACE DECIMALS $\pm .0020[.051]$

ANGLES
 $\pm 2^\circ$

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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