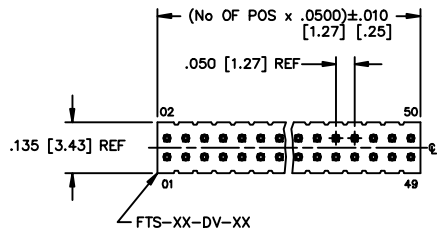


REV. BM

DO NOT SCALE FROM THIS PRINT

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



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

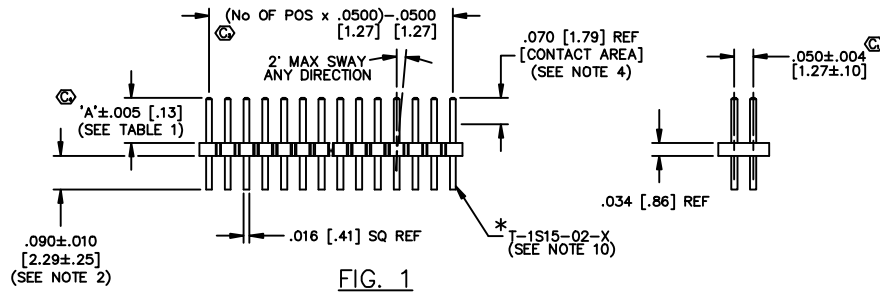


FIG. 1

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.
- (C) 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).
- *10. FOR LEAD STYLE -03, USE T-1S15-06-X RAN ON HANDFILL PRESS, 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.
- NOTE DELETED.
- .015 [.38] MAX CUT FLASH.
- PPP-25-NT MUST BE USED FOR ALL TAPE AND REEL PACKAGING.
- FILL BODY SO THAT THE LEAD IN OF THE CORE IS ON THE TAIL SIDE.

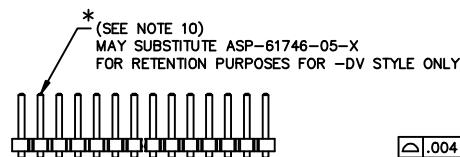
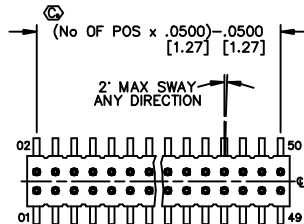


FIG. 2

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

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)

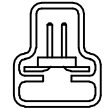
- OPTIONS
- P: PICK & PLACE PAD (USE PPP-25) (AVAILABLE ON POSITIONS -05 THRU -50) (SEE FIG. 5, SHT 2 & FIG 7, SHT 3) (USE PPP-25-NT FOR TAPE & REEL)
 - TR: TAPE & REEL PACKAGING (SEE FIG 10, SHT 4)
 - S: END SHROUDS (SEE FIG. 3, SHT 2 & FIG 6, SHT 3) (LEAD STYLE -02 & -03 ONLY) [05 POS MINIMUM, 46 POS MAXIMUM] (NOT AVAILABLE WITH -A OPTION; ORDER -SA FOR ALIGNMENT PIN AND SHROUD)
 - 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) (NOT AVAILABLE WITH -S OPTION; ORDER -SA FOR ALIGNMENT PIN AND SHROUD)

TAIL OPTION

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

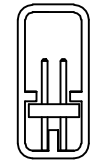
PACKAGING VIEW

LEAD STYLE	PACKAGING TUBE (SEE NOTE 9)	PLUG
-01/02/03/04-D	PT-FW001-D-.070-.198	TP-24
-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

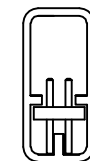


-DV
PT-1-24-01-43

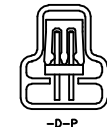
NOTE: POSITIONS -05 THRU -50 TO BE TUBED, POSITIONS -02 THRU -04 ON TAIL OPTION -D TO BE LAYER PACKAGED, POSITIONS -02 THRU -04 ON TAIL OPTION -DV TO BE TAPE & REELED.



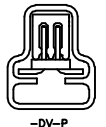
-01-D
PT-FW001-D-.070-.198



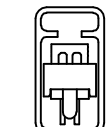
-02-D,-03-D
PT-FW001-D-.070-.198



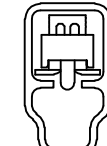
-D-P
PT-1-24-01-43



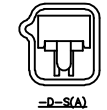
-DV-P
PT-1-24-01-43



-D-S(A)-P
PT-1-24-11-09



-DV-S(A)-P
PT-1-24-01-09



-D-S(A)
PT-1-24-01-37



-DV-S(A)
PT-1-24-02-36

MATERIAL:
BODY: VECTRA E130
COLOR: BLACK

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

PLOT SCALE: 1 = 2

santec

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

MADE BY: BRATCHER 11-29-93

APP. APPROVAL

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

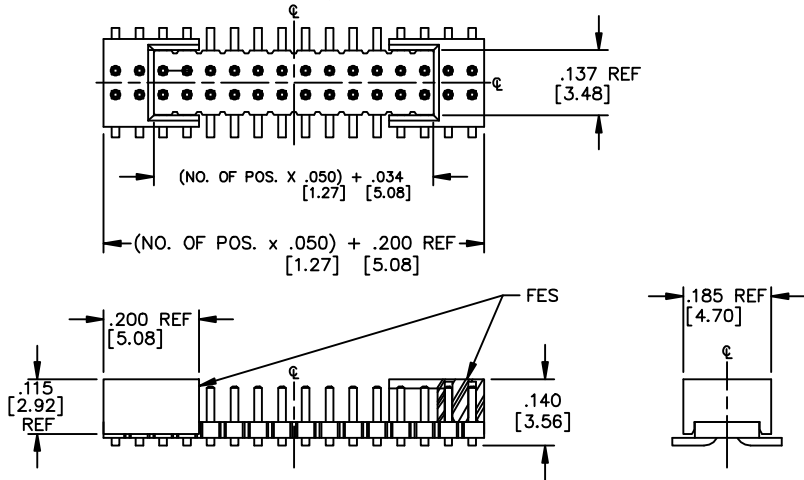
SHEET 1 OF 4

PROPRIETARY NOTE
THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. IT IS THE PROPERTY OF SAMTEC AND IS LOANED TO YOUR ORGANIZATION. IT IS TO BE USED ONLY FOR THE PURPOSES AND TIME PERIOD SPECIFIED BY THE LOAN AGREEMENT. IT IS NOT TO BE REPRODUCED, COPIED, OR DISSEMINATED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF SAMTEC.

REV. BM

FIG. 3

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



-DV-S OPTION

* NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIM'S.
(NOT AVAILABLE WITH -A OPTION; ORDER -SA FOR ALIGNMENT PIN AND SHROUD)

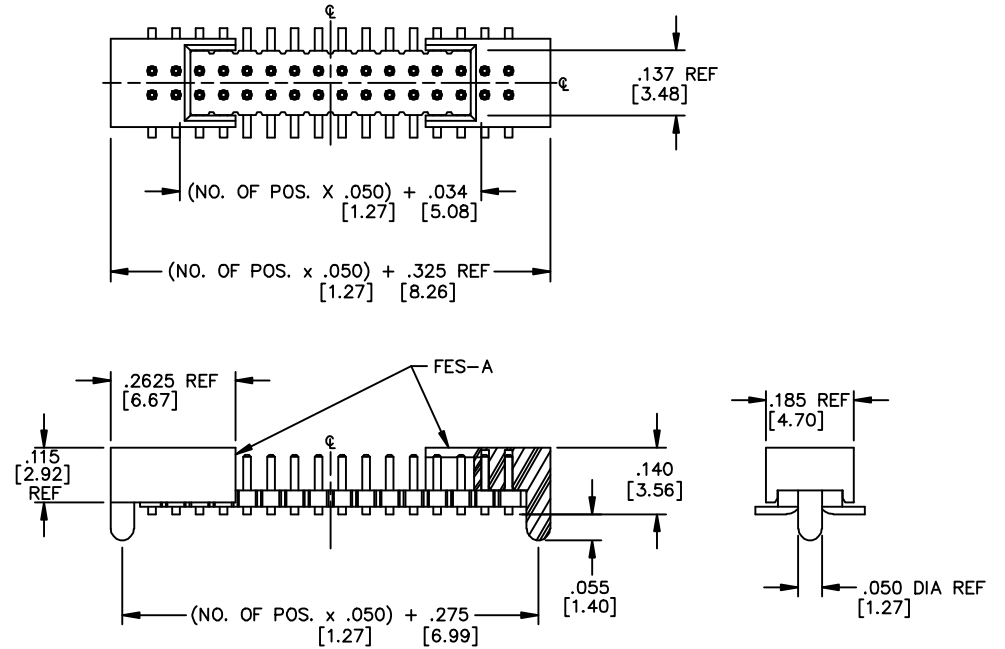
UNLESS OTHERWISE NOTED TOLERANCES ARE:
 DIMENSIONS ARE IN INCHES
 ONE PLACE DECIMALS ±.1[2.5] THREE PLACE DECIMALS ±.005[.13] ANGLES ± 2°
 TWO PLACE DECIMALS ±.01[.25] FOUR PLACE DECIMALS ±.0020[.051]

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)



-DV-SA OPTION

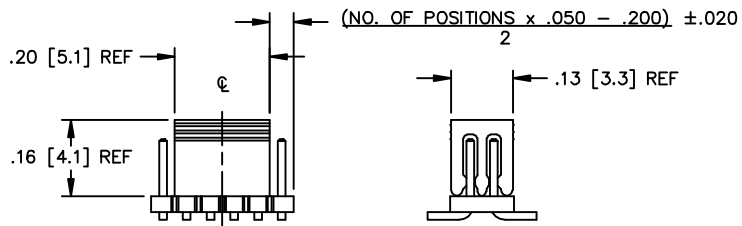
* NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIM'S.

DO NOT SCALE
FROM THIS PRINT

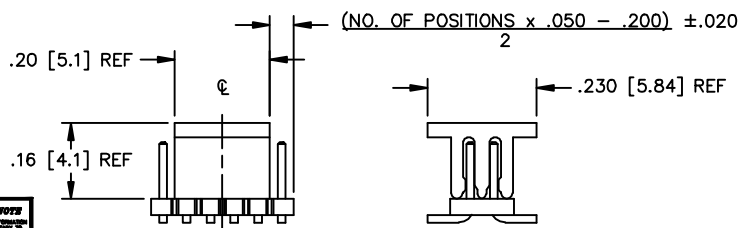
PLOT SCALE: 1 = .2

FIG. 5

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



-DV-P OPTION



-DV-P-TR OPTION

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
OF A PROPRIETARY NATURE AND IS THE
PROPERTY OF SAMTEC. IT IS TO BE USED
ONLY FOR THE PURPOSES SPECIFIED IN
THE ORDER AND IS NOT TO BE REPRODUCED
OR TRANSMITTED IN ANY FORM OR BY
ANY MEANS, ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE AND
RETRIEVAL SYSTEM, WITHOUT THE WRITTEN
CONSENT OF SAMTEC INC.

samtec

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

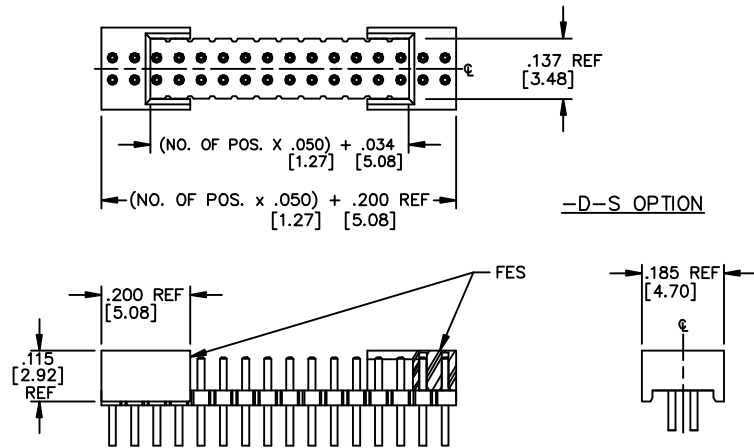
MADE BY:
BRATCHER 05-03-95

FTS-1XX-XX-XX-XX-XX
SHEET 2 OF 4

REV. BM

FIG. 6

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

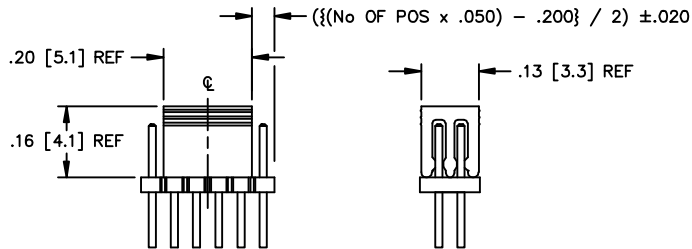


-D-S OPTION

* NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIM'S.
(NOT AVAILABLE WITH -A OPTION; ORDER -SA FOR ALIGNMENT PIN AND SHROUD)

FIG. 7

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



-D-P OPTION

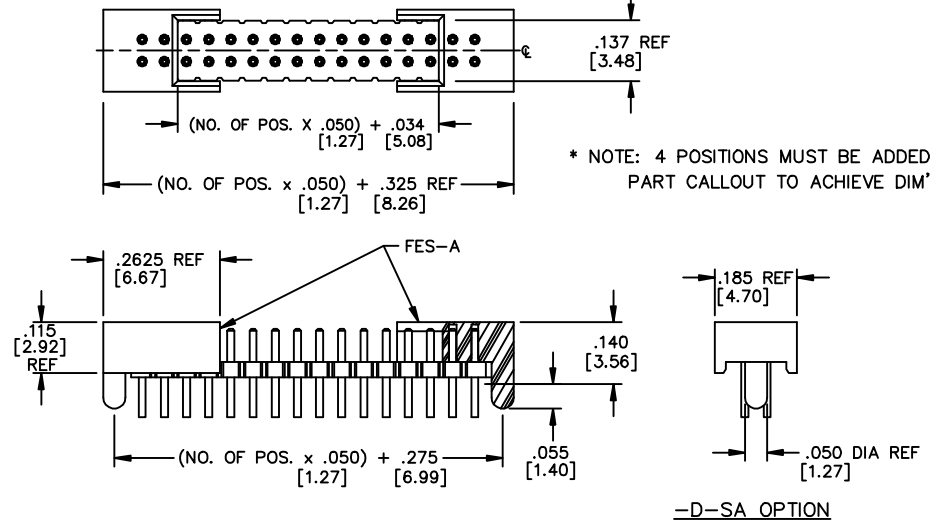
PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC INC.

DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED		TOLERANCES ARE:		TITLE: .050 x .050 C.L. LOW PROFILE TERMINAL STRIP ASSEMBLY		DWG NO: FTS-1XX-XX-XX-XX	
ONE PLACE DECIMALS ±.1[2.5]		THREE PLACE DECIMALS ±.005[.13]		ANGLES ± 2°				SHEET 3 OF 4	
TWO PLACE DECIMALS ±.01[.25]		FOUR PLACE DECIMALS ±.0020[.051]							

FIG. 8

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

DO NOT SCALE FROM THIS PRINT



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

-D-SA OPTION

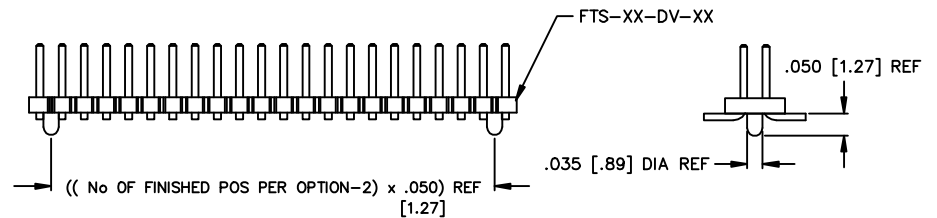


FIG. 9

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

PLOT SCALE: 1 = .2

samtec

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

MADE BY: BRATCHER 05-03-95

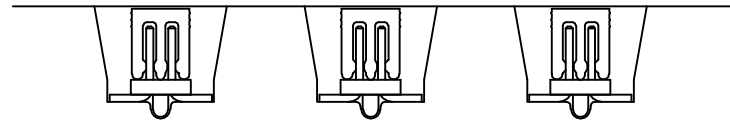
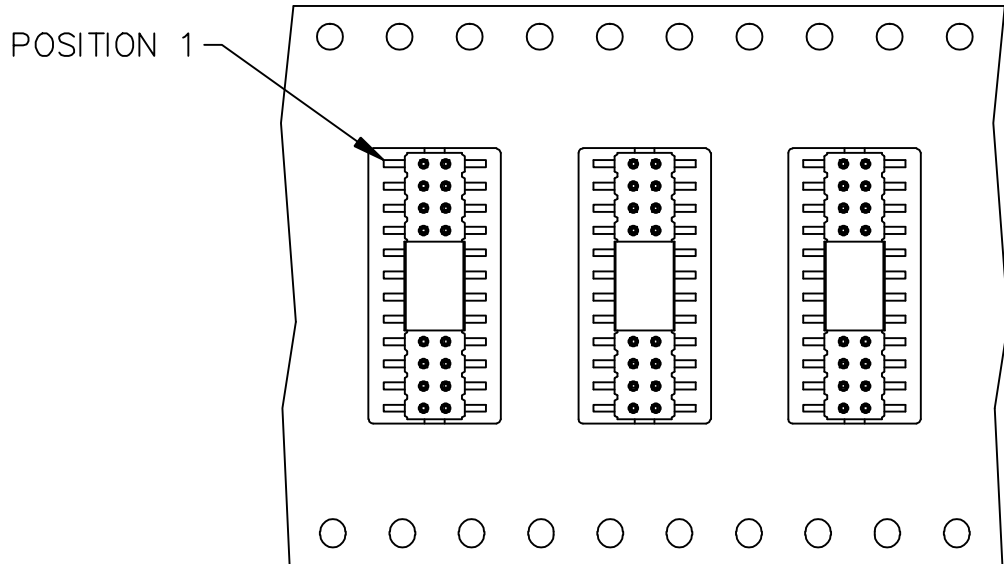
FTS-1XX-XX-XX-XX
SHEET 3 OF 4

REV. BM

UNLESS OTHERWISE NOTED		TOLERANCES ARE:
DIMENSIONS ARE IN INCHES		
ONE PLACE DECIMALS ±.1[2.5]	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



USER DIRECTION OF FEED →

DO NOT SCALE
FROM THIS PRINT

PLOT SCALE: 1 = .2

FIG. 10

-TR: TAPE AND REEL PACKAGING

* NOTE: NOT AVAILABLE ON THROUGH
HOLE LEAD STYLES.

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION
CONFIDENTIAL AND PROPRIETARY TO
SAMTEC INC. AND SHALL NOT BE
REPRODUCED OR TRANSMITTED IN
ANY FORM OR BY ANY MEANS,
ELECTRONIC OR MECHANICAL,
INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE
AND RETRIEVAL SYSTEM, WITHOUT
THE WRITTEN CONSENT OF SAMTEC INC.

samtec

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

MADE BY: BRATCHER 10-18-99

FTS-1XX-XX-XX-XX-XX
SHEET 4 OF 4