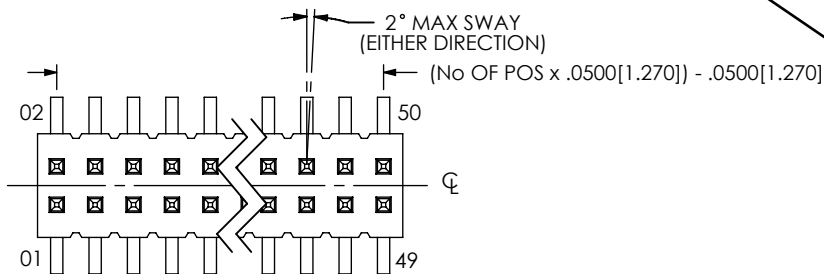
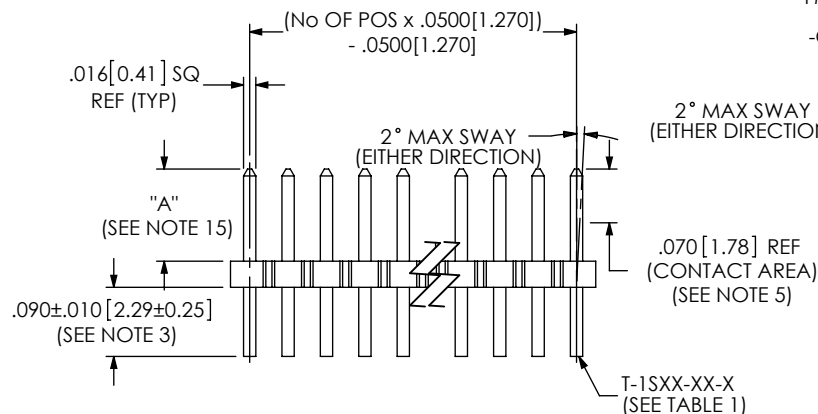
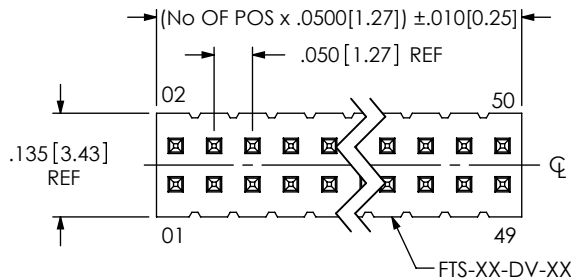


DO NOT  
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THIS PRINT



MAY SUBSTITUTE ASP-61746-05-X  
FOR RETENTION PURPOSES FOR -DV STYLE ONLY

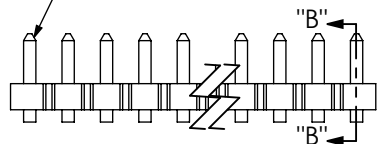


FIG 2  
FTS-1XX-03-XX-DV SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

SECTION "B"-"B"  
SEE NOTE 12 SEE NOTE 13

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

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

LEAD STYLE  
SEE TABLE 1

PLATING SPECIFICATION

- L: 10μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- S: 30μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL
- SM: 30μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- G: 10μ" GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL

OPTIONS

- P: PICK AND 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) (SEE NOTE 14 & 16) (ONLY AVAILABLE WITH -DV OPTION)
- 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 WITH 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) (SEE NOTES 6 & 7)
- A: MOLDED ALIGNMENT PIN (USE FTS-XX-DV-XX) (ONLY AVAILABLE IN -DV OPTION, 5 POS MINIMUM) (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

TABLE 1

LEAD STYLE	"A"	HAND FILL	MICRO HEADER MACHINE	BKT MACHINE
-01	0.120 [3.05]	T-1S15-03-X	T-1S15-03-X	T-1S15-03-X
-02	0.075 [1.91]	T-1S15-03-X	T-1S15-03-X	T-1S15-03-X
-03	0.065 [1.65]	T-1S15-06-X	T-1S15-03-X	T-1S15-03-X
-04	0.150 [3.81]	T-1S15-03-X	T-1S15-03-X	T-1S15-03-X

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PARTS MAY BE CUT TO POSITION.
3. SHEAR TAILS TO DIMENSION SHOWN.
4. MEASURED AT BEND RADIUS, NOT AT END OF PIN.
5. GOLD PLATING TO BE ON POST, TIN PLATING TO BE ON TAIL.
6. 4 POSITIONS PER ROW WILL BE COVERED BY SHROUDS. (2 POSITIONS PER ROW ON EACH END).
7. 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ALLOW FOR SHROUDS, EXAMPLE FTS-125-02-L-D-SA REQUIRES A 29 POSITION BODY.
8. NOTE DELETED.
9. MINIMUM PUSHOUT FORCE: .5 LB (8 OZ)
10. MAXIMUM CUT FLASH: .015[0.38]
11. PPP-25-NT MUST BE USED FOR ALL TAPE AND REEL PACKAGING.
12. FILL BODY SO THAT THE LEAD IN OF THE CORE IS ON THE TAILS SIDE.
13. MAXIMUM BURR ALLOWANCE: .003[0.08]
14. 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 AND REELED.
15. MAX HEIGHT VARIATION BETWEEN ROWS: .005[0.13].
16. FOR QUANTITIES LESS THAN 125 PIECES, NO REEL WILL BE SUPPLIED.

FIG 1  
FTS-1XX-0T-XX-D SHOWN

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01 [.3]  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, UL 94 V0, COLOR: BLACK  
TERMINAL: PHOS BRONZE

SHEET SCALE: 4:1

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PHONE: 812-944-6733 FAX: 812-948-5047  
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: .050 X .050 C.I. LOW PROFILE  
TERMINAL STRIP ASSEMBLY

DWG. NO. FTS-1XX-XX-XX-XX-XX

BY: BRATCHER 11/29/1993 SHEET 1 OF 4

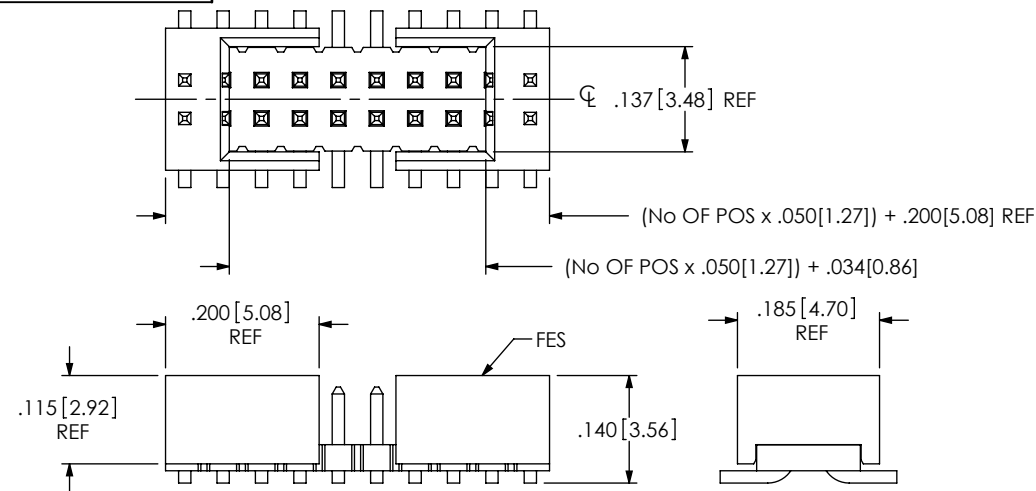
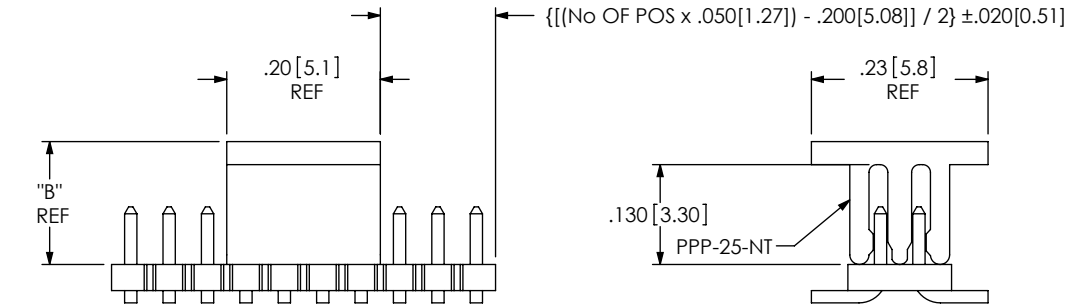


FIG 3  
-DV-S OPTION (SEE NOTES 6 & 7)  
FTS-110-02-XX-DV-S SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIMS  
(NOT AVAILABLE WITH -A OPTION; ORDER -SA FOR ALIGNMENT PIN WITH SHROUD)



(USE PPP-25-NT FOR TAPE AND REEL PACKAGING ONLY)

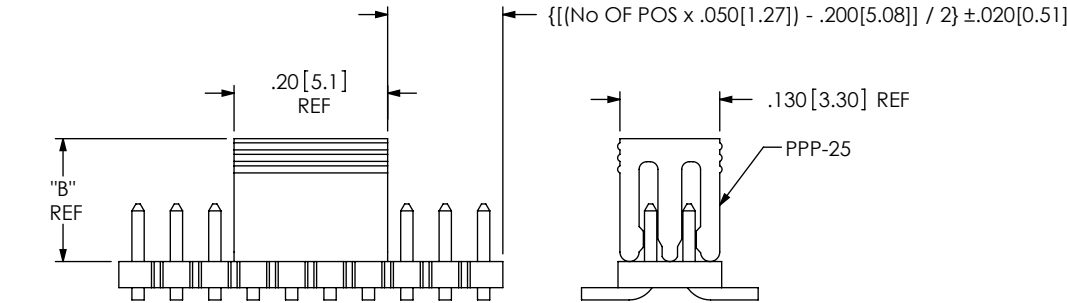


FIG 5  
-DV-P OPTION  
FTS-110-02-XX-DV-P SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

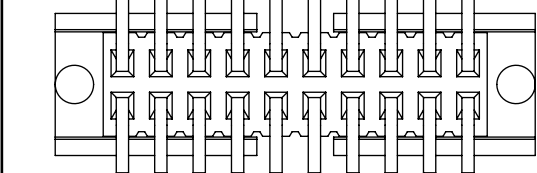
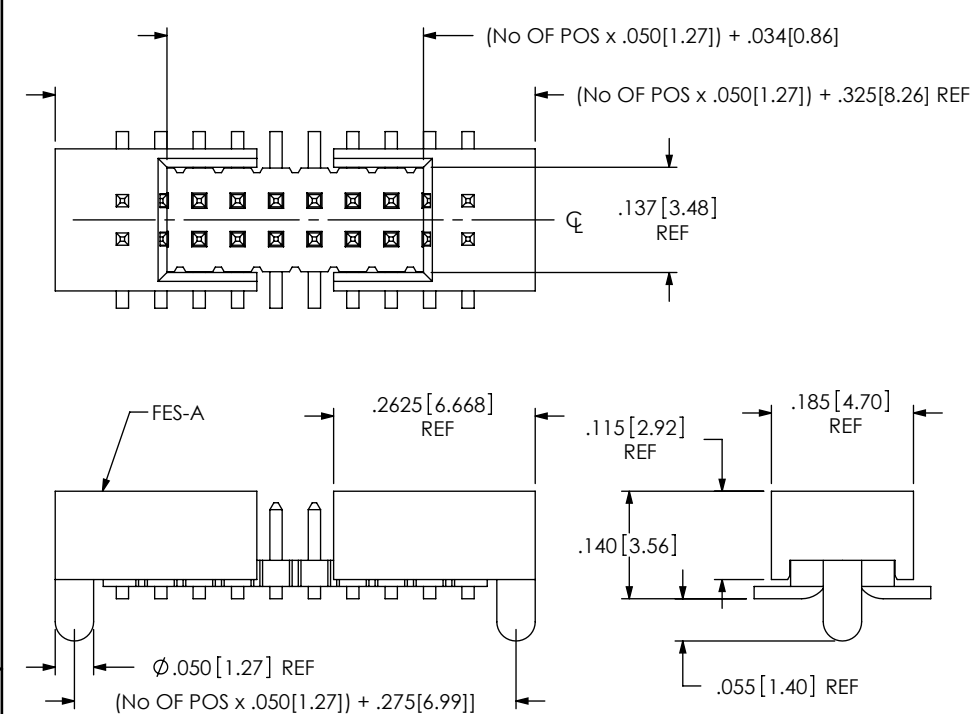


TABLE 3	
LEAD STYLE	"B"
-01, 02, 03	0.160 [4.06]
-04	0.180 [4.57]

FIG 4  
-DV-SA OPTION (SEE NOTES 6 & 7)  
FTS-106-02-XX-DV-SA SHOWN  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIMS

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e-Mail: info@SAMTEC.com code 55322

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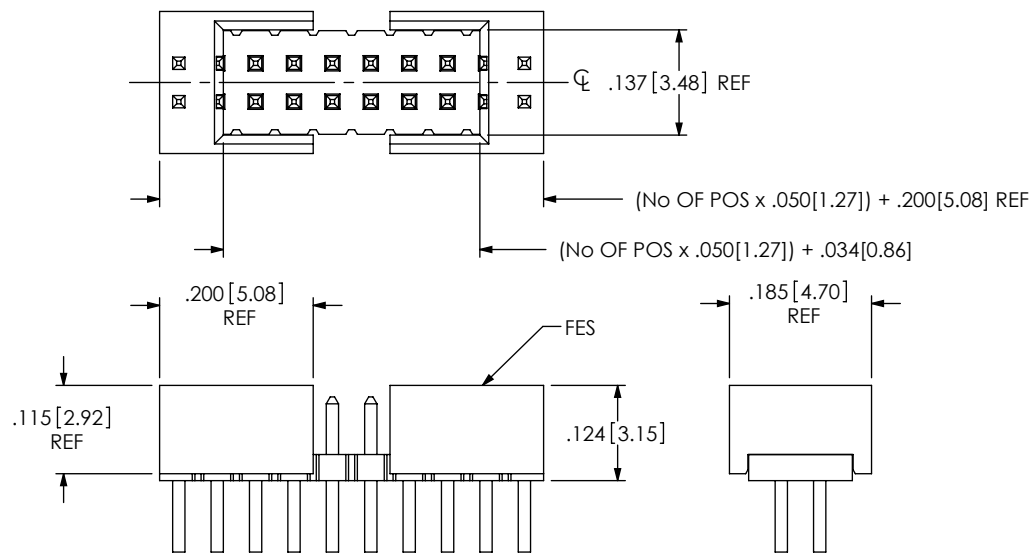


FIG 6

-D-S OPTION (SEE NOTES 6 & 7)  
FTS-110-02-XX-D-S SHOWN

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIMS  
(NOT AVAILABLE WITH -A OPTION; ORDER -SA FOR ALIGNMENT PIN WITH SHROUD)

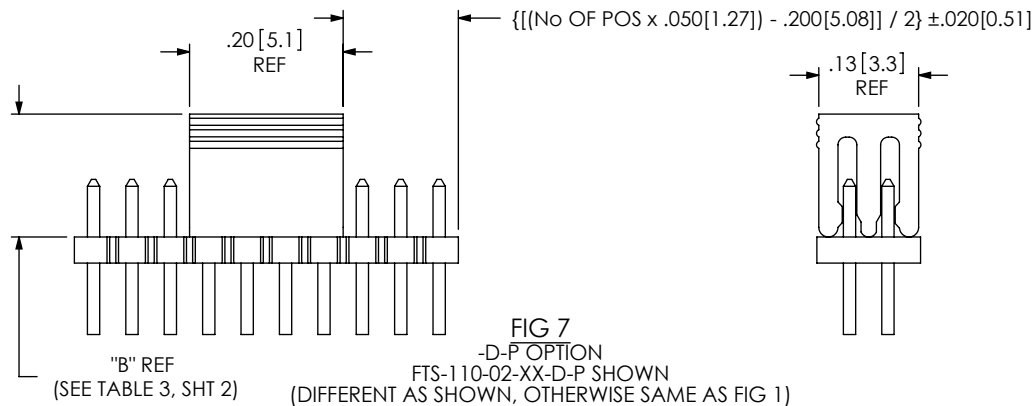


FIG 7

-D-P OPTION

FTS-110-02-XX-D-P SHOWN

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

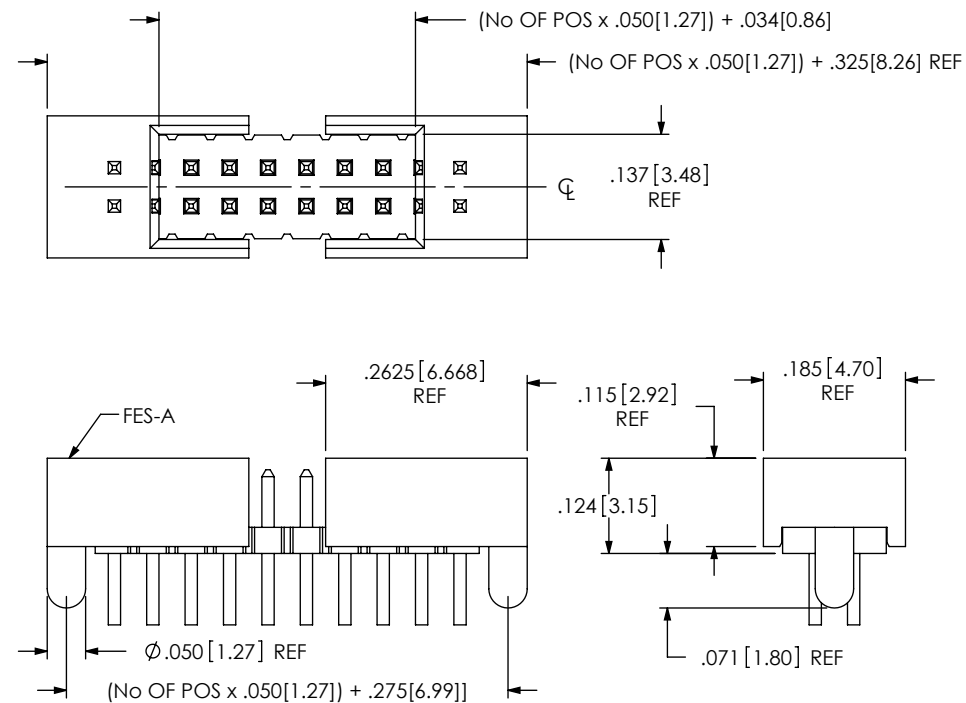


FIG 8

-D-SA OPTION (SEE NOTES 6 & 7)  
FTS-110-02-XX-DV-SA SHOWN

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

NOTE: 4 POSITIONS MUST BE ADDED TO PART CALLOUT TO ACHIEVE DIMS

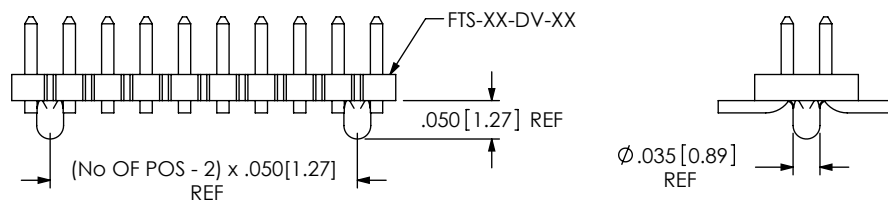


FIG 9

-A MOLDED ALIGNMENT PIN  
FTS-110-02-XX-DV-A SHOWN

(ONLY AVAILABLE IN -DV OPTION)

(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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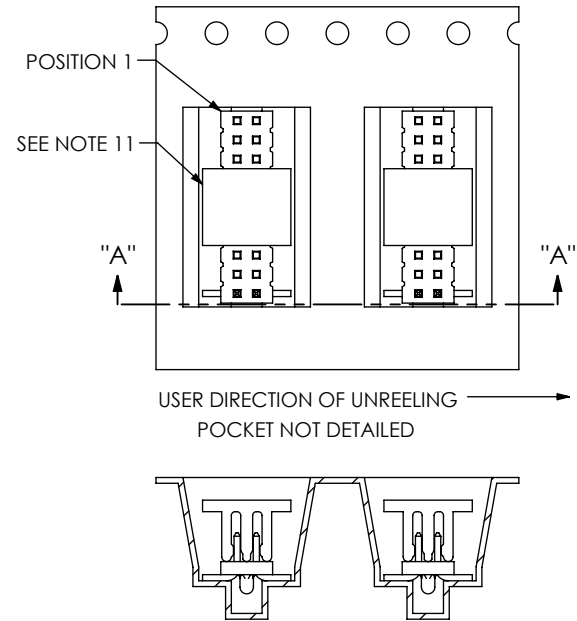


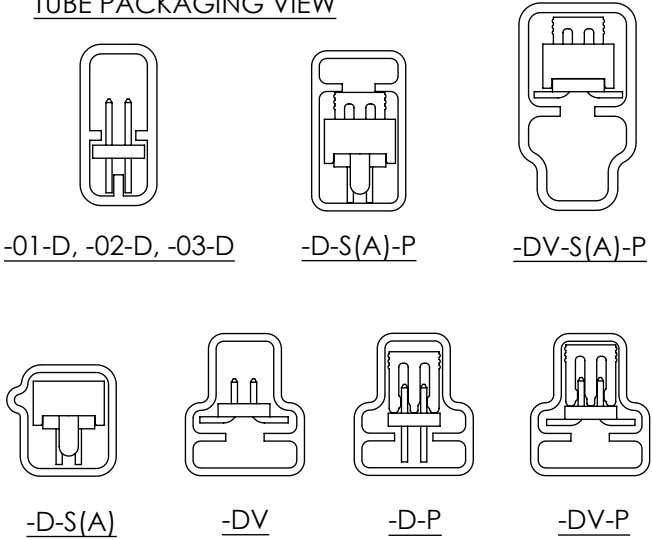
FIG 10

-TR: TAPE AND REEL PACKAGING WITH PPP-25-NT PAD  
NOT AVAILABLE ON THROUGH HOLE LEAD STYLES

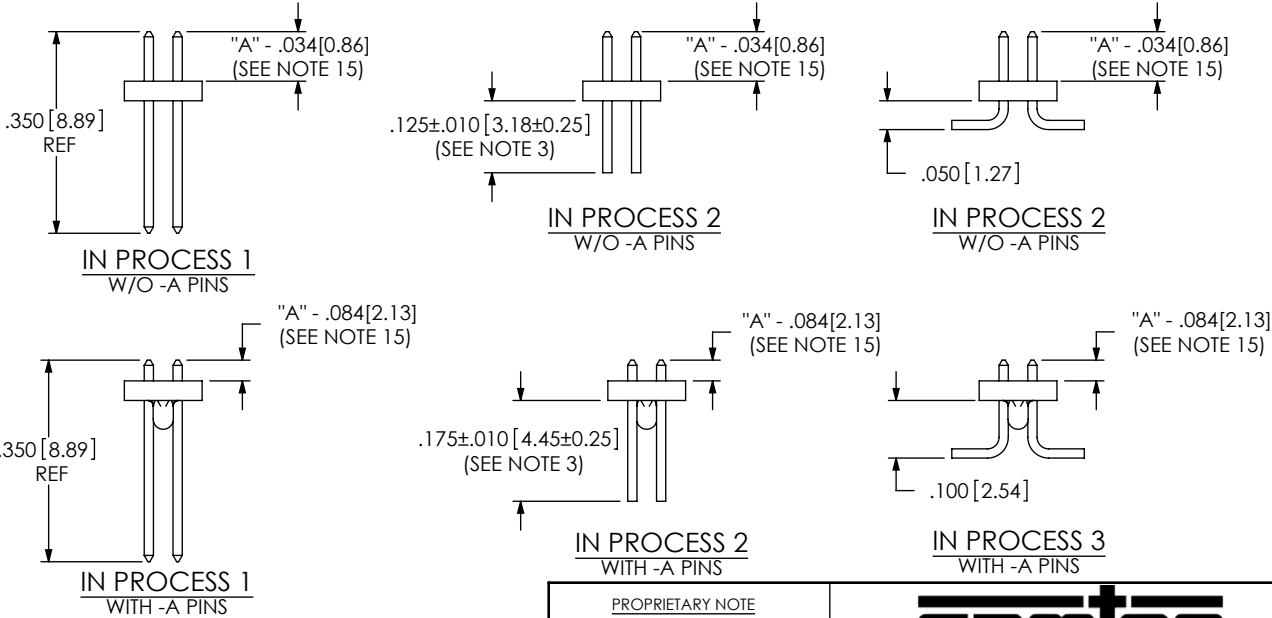
TABLE 2		
LEAD STYLE	PACKAGING TUBE	PLUG
-01/02/03/04-D	PT-FW001-D-.070-.198	TP-24
-DV, -D-P, -DV-P, -DV-A	PT-1-24-01-43	TP-24
-D-S(A)-P	PT-1-24-11-09	TP-24
-DV-S(A)-P	PT-1-24-01-09	TP-24
-D-S(A)	PT-1-24-01-37	TP-24-02
DV-S(A)	PT-1-24-02-36	TP-24-02

SEE NOTE 14

TUBE PACKAGING VIEW



IN PROCESS VIEWS  
(HANDFILL ONLY)



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