

1. $\text{\textcircled{C}}$ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .010 [0.25]
3. MINIMUM PUSHOUT FORCE: 1 LB
4. SHEAR TAILS TO DIMENSION SHOWN.
5. MAXIMUM BURR: .003 [0.08]
6. MAXIMUM COPLANARITY:
 - 05 THRU -49 = .004 [0.10]
 - 50 THRU -64 = .006 [0.15]
 - 65 THRU -90 = .009 [0.22]
7. FOR -XX POSITION ASSEMBLY USE -XX POSITION BODY EXCEPT AS LISTED IN TABLE 2.
8. IF -A CALLED OUT ON ASSEMBLY, USE -A ON END OF BODY CALLOUT. USE FTE-190-0X-G-DV-SA FOR STOCK THAT WILL BE CUT FOR STAKED -A ORDERS. USE FTE-190-0X-G-DV FOR ORDERS NOT REQUIRING STAKED -A OPTION.
9. MAXIMUM ATTACHED FLASH ALLOWED ON POST SIDE ONLY: .02 [0.5]
10. -ES MOLDED OPTION ONLY, DURING CUT PROCESS, WALL MUST BE A MINIMUM OF .004" OR COMPLETELY REMOVED.
11. IF RETENTION IS BELOW SPECIFICATION, A SUBSTITUTION OF FTE-90-D FOR FTE-90-D-A IS ACCEPTABLE.

DO NOT SCALE FROM THIS PRINT

FTE-1XX-XX-X-DV-XX-XX

No OF POSITIONS

-05 THRU -90
(PER ROW)

LEAD STYLE

- 01: .075 POST
(USE T-1S29-04-X-2 FOR HAND FILL, T-1S29-02-X-2 FOR MACHINE FILL).
- 02: .175 POST
(USE T-1S29-04-X-2 FOR HAND FILL, T-1S29-02-X-2 FOR MACHINE FILL).
- 03: .120 POST
(USE T-1S29-04-X-2 FOR HAND FILL, T-1S29-02-X-2 FOR MACHINE FILL).

PLATING SPEC

-G: 10 μ " GOLD IN CONTACT AREA,
3 μ " GOLD ON TAIL

OPTIONS

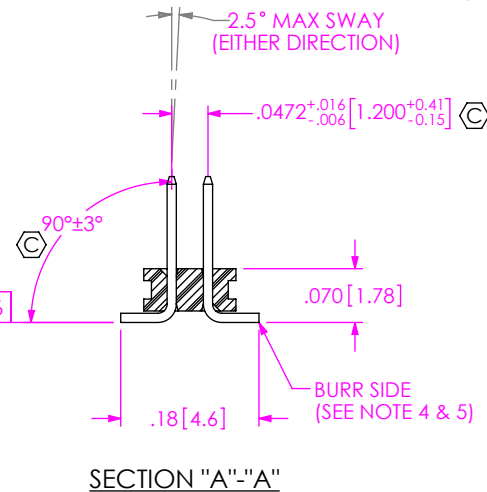
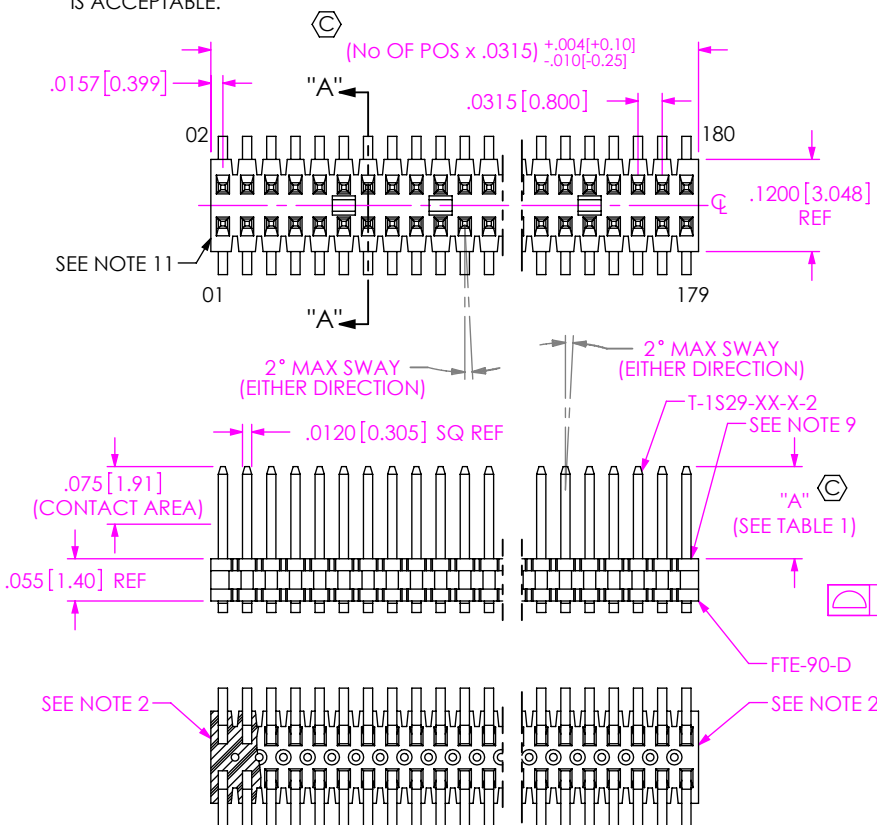
- P: PICK AND PLACE PAD (SEE FIG 2, SHT 2)
(ONLY AVAILABLE FOR 08-90 POSITIONS)
(USE PPP-37)
(USE PPP-37-NT FOR TAPE & REEL)
- TR: TAPE & REEL PACKAGING
(USE PPP-37-NT ONLY)
- A: ALIGNMENT PIN (MOLDED OR STAKED)
[SAMTEC DISCRETION ON WHICH -A PIN USED]
(MOLDED 4 POS MIN, SEE FIG 6, SHT 2)
(USE FTE-90-D-XX)
(STAKED 7 POS MIN, SEE FIG 5, SHT 2)
(USE FTE-90-D-A)
- M: METAL PICK & PLACE PAD
USE MPP-17-5 (SEE FIG 9 - SHT 3)
(10 POS MIN, AVAILABLE IN -01 STYLE ONLY)

FLEX SHROUD OPTIONS

- (STYLE -01 ONLY)
- ES: END SHROUD
(SAMTEC DISCRETION ON WHICH -ES USED)
(SEE FIG 3, SHT 2 FOR SNAPPED-ON, 11 POSITIONS MIN)
(SEE FIG 8, SHT 2 FOR MOLDED, 5 POSITIONS PER ROW MIN, SEE TABLE 2)
- EC: END SHROUD WITH LOCKING CLIPS
(SEE FIG 7, SHT 2)
(11 POSITIONS MIN)
- EP: END SHROUD WITH GUIDE POSTS
(SEE FIG 4, SHT 2)
(11 POSITIONS MIN)

ROW SPECIFICATION

-DV: DOUBLE ROW VERTICAL
(USE FTE-90-D-A)



LEAD STYLE	"A"
-01	.075
-02	.175
-03	.120


ASSEMBLY	BODY
FTE-1XX-01-G-DV-ES-XX (SEE NOTE 7 AND 8)	FTE-90-D-ES-XX-X (SEE NOTE 7 AND 8)
FTE-115-01-G-DV-ES-XX (SEE NOTE 8)	FTE-85-D-ES-15-X (SEE NOTE 8)
FTE-120-01-G-DV-ES-A-XX	FTE-85-D-ES-20-A
FTE-120-01-G-DV-ES-XX	FTE-90-D-ES-20

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
X: ±.1 [2.5]
.XX: ±.01 [0.3] 2°
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: BLACK, LCP, UL 94 VO
TERMINAL: PHOS BRONZE

F:\DWG\MISC\MKT\FTE-1XX-XX-X-DV-XX-XX-MKT.SLDDRW



520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 53322

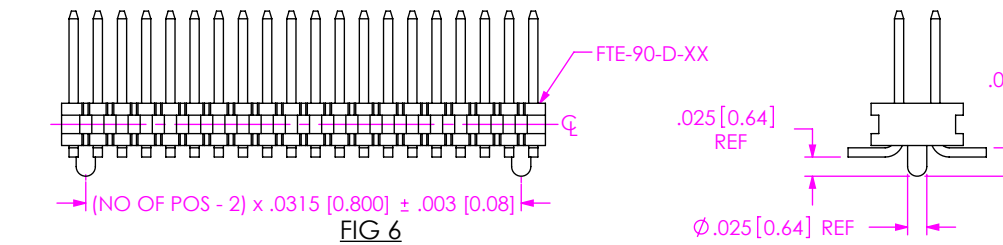
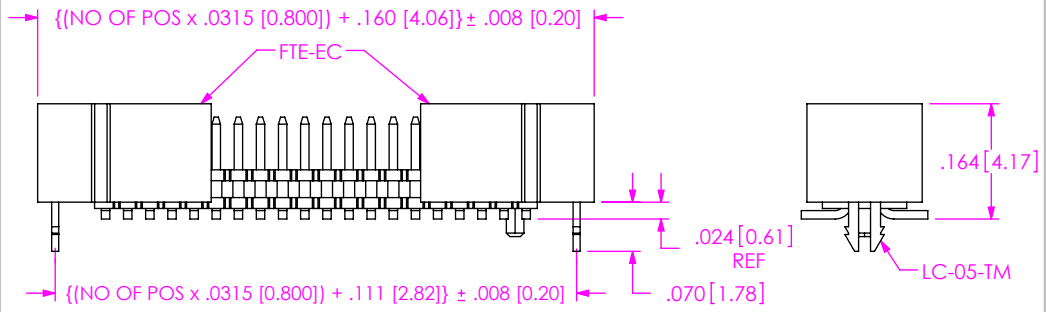
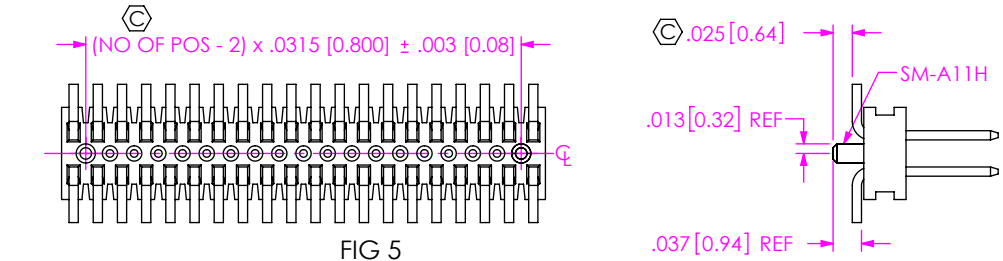
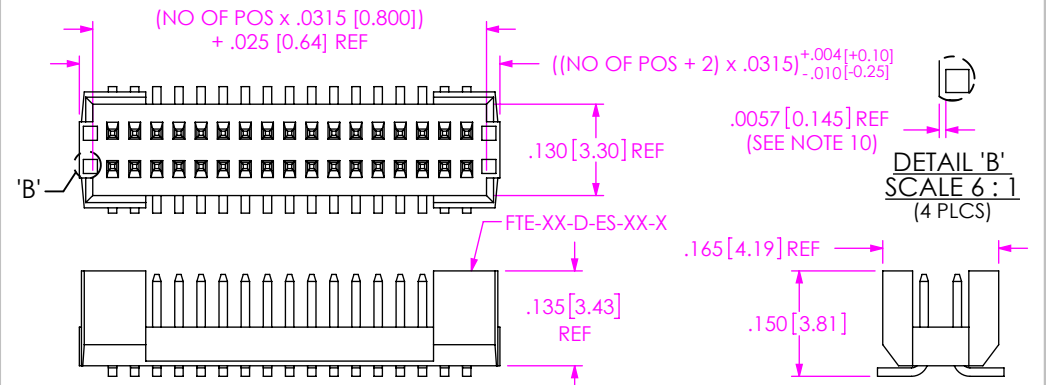
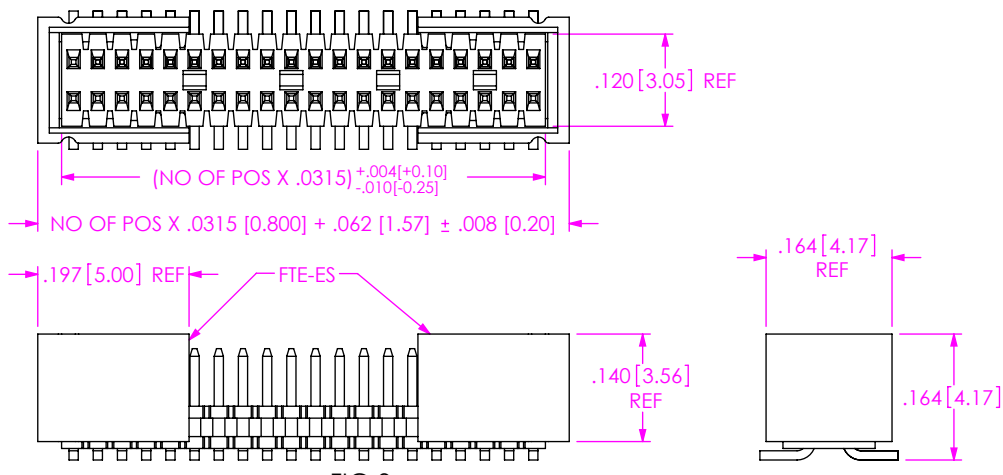
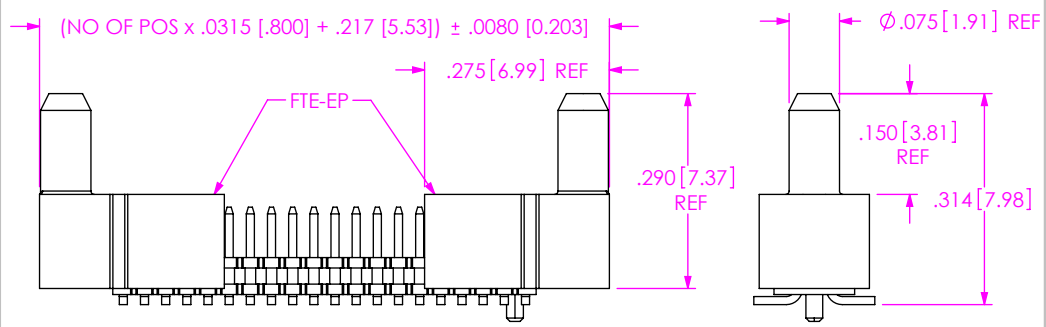
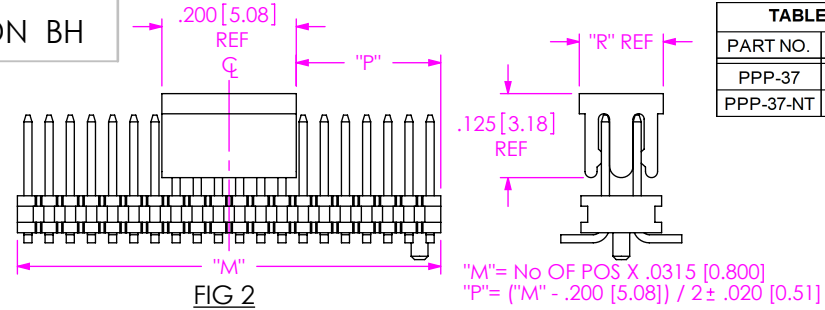
DESCRIPTION:
.8MM x 1.2MM C.L. TERMINAL STRIP ASSM.

DWG. NO. **FTE-1XX-XX-X-DV-XX-XX**

BY: DEAN P 9/01/2009 SHEET 1 OF 3

REVISION BH

TABLE 3	
PART NO.	"R"
PPP-37	.125
PPP-37-NT	.190

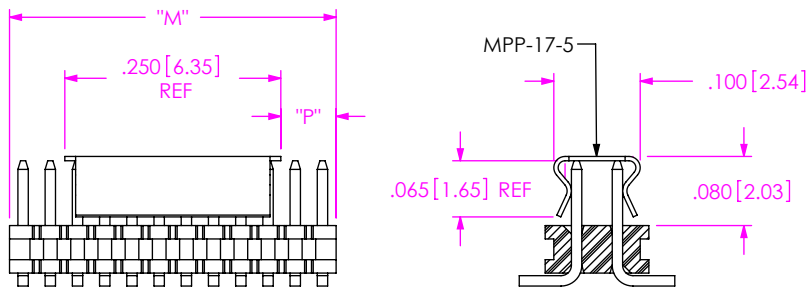


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DESCRIPTION:
.8MM x 1.2MM C.L. TERMINAL STRIP ASSM.
DWG. NO. **FTE-1XX-XX-X-DV-XX-XX**
BY: DEAN P 9/01/2009 SHEET 2 OF 3

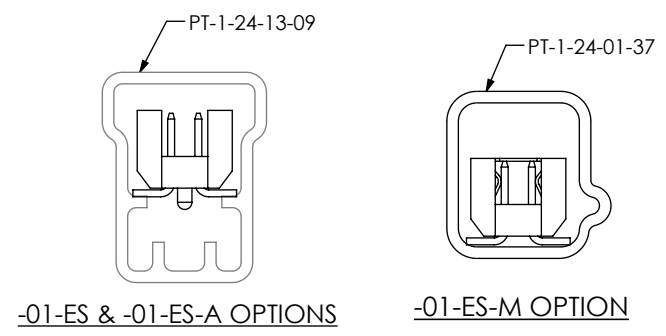
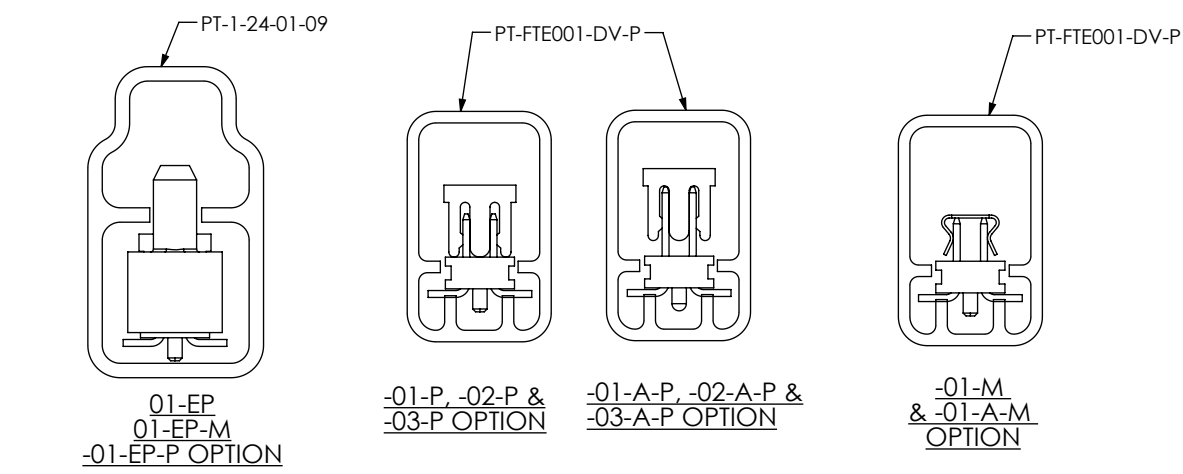
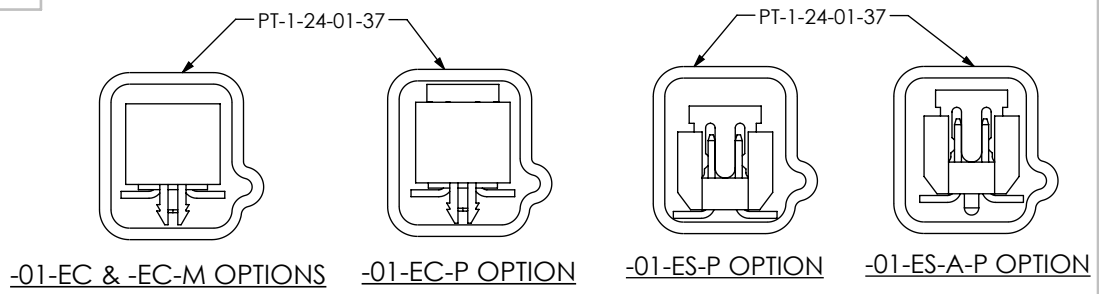
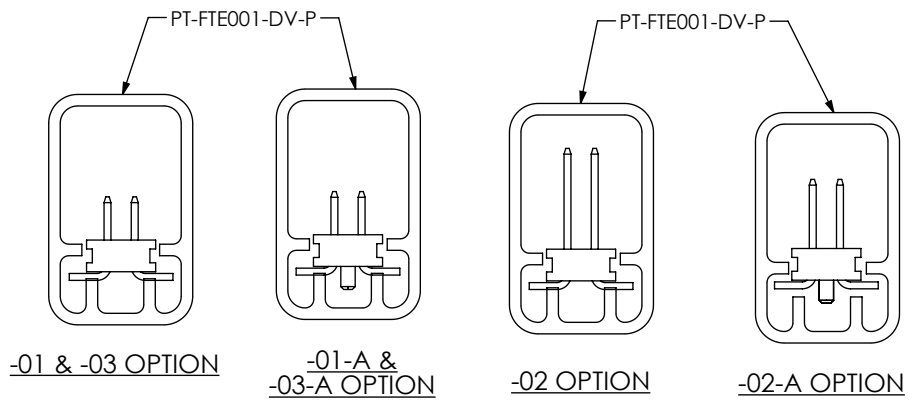


"M" = No OF POSITIONS x .0315 [0.800]

"P" = { ("M" - .250 [6.35]) / 2 } ±.020 [0.51]

FIG 9
-M OPTION
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

PACKAGING TABLE			
LEAD STYLE	OPTIONS	TUBE	PLUG
-01	NONE, -A	PT-FTE001-DV-P	TP-09
-02	NONE, -A	PT-FTE001-DV-P	TP-09
-03	NONE, -A	PT-FTE001-DV-P	TP-09
-01	-EC, -EC-P -EC-M, -ES-P, -ES-M, -ES-A-P	PT-1-24-01-37	TP-24
-01	-EP, -EP-M, -EP-P	PT-1-24-01-09	TP-24
-01, -02, -03	-P, -A-P	PT-FTE001-DV-P	TP-09
-01	-M, -AM	PT-FTE001-DV-P	TP-09
-01	-ES-A, -ES	PT-1-24-13-09	TP-24



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520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

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 DWG. NO. **FTE-1XX-XX-X-DV-XX-XX**

BY: DEAN P 9/01/2009 SHEET 3 OF 3