

1.  $\text{\textcircled{C}}$  REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM CUT FLASH: .010 [.25].
3. MINIMUM PUSHOUT FORCE: 1 LB.
4. SHEAR TAILS TO DIMENSION SHOWN.
5. MAXIMUM BURR: .003 [.08].
6. MAXIMUM COPLANARITY:  
 -05 THRU -49 = .004 [.10]  
 -50 THRU -64 = .006 [.15]  
 -65 THRU -90 = .009 [.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" [.5].
10. 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 $\mu$ " GOLD IN CONTACT AREA,  
 3 $\mu$ " GOLD ON TAIL

OPTIONS

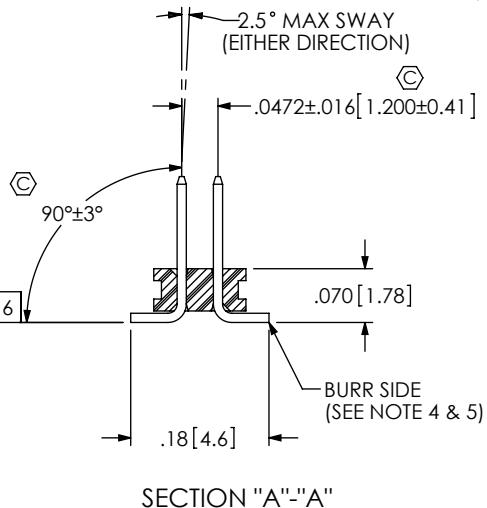
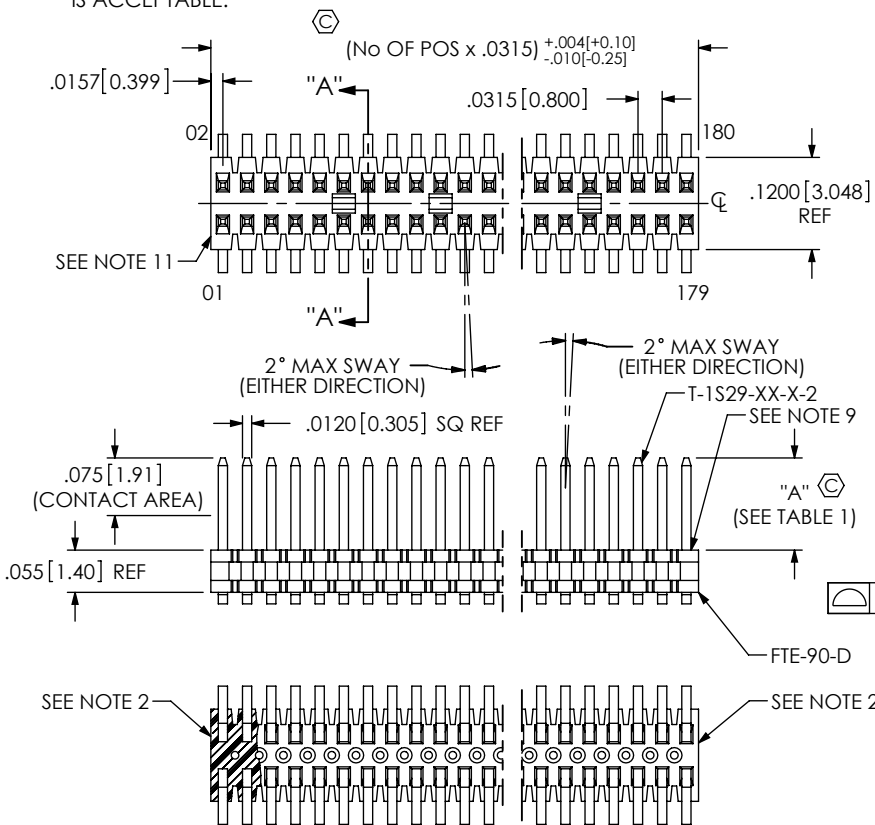
- P: PICK AND PLACE PAD (SEE FIG.2, SHT 2)  
 (ONLY AVAILABLE FOR 08-90 POSITIONS)  
 (USE PPP-37)  
 (USE PPP-37-NT FOR TAPE & REEL)
- TR: TAPE & REEL PACKAGING  
 (USE PPP-37-NT ONLY)
- A: ALIGNMENT PIN (MOLDED OR STAKED)  
 [SAMTEC DISCRETION ON WHICH  
 -A PIN USED]  
 (MOLDED 4 POS MIN, SEE FIG 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)



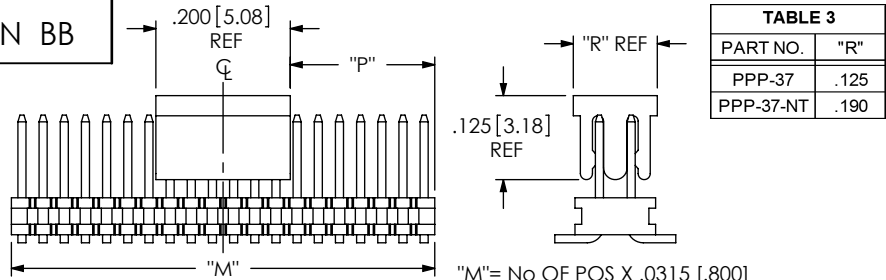
LEAD STYLE	"A"
-01	.075
-02	.175
-03	.120

FIG 1  
 FTE-1XX-03-X-DV SHOWN

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 [.3] .XXX: ±.005 [.13] .XXXX: ±.0020 [.051]	PROPRIETARY NOTE THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.	520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail: info@SAMTEC.com code 53322

REVISION BB



"M"= No OF POS X .0315 [.800]  
 "P"= ("M" - .200 [5.08]) / 2 ± .020 [.51]

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

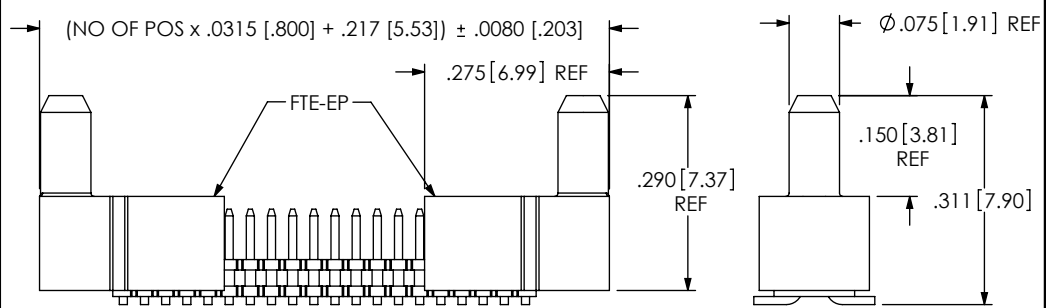


FIG 4  
 -EP OPTION  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

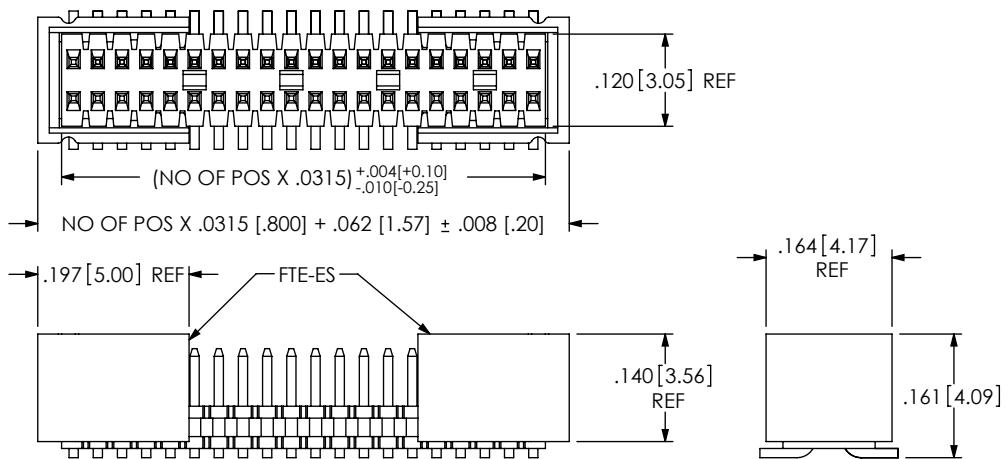


FIG 3  
 -ES OPTION (SNAPPED ON) (11 POS MIN)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

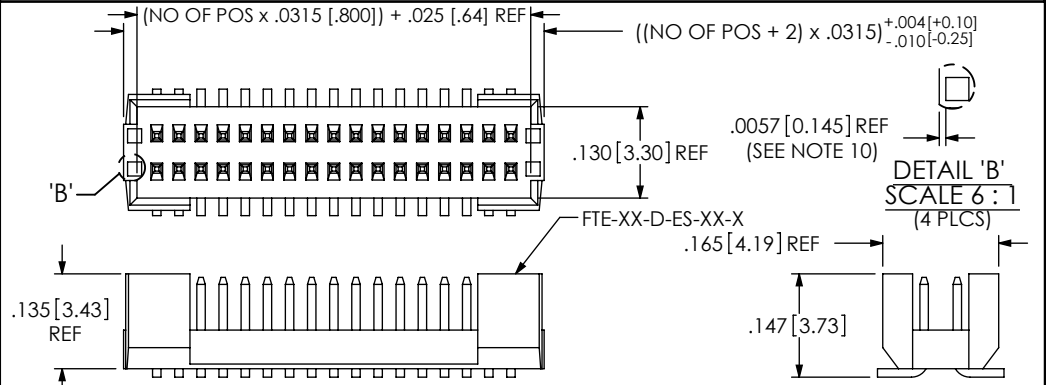


FIG 8  
 -ES OPTION (MOLDED) (5 POS MIN)  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

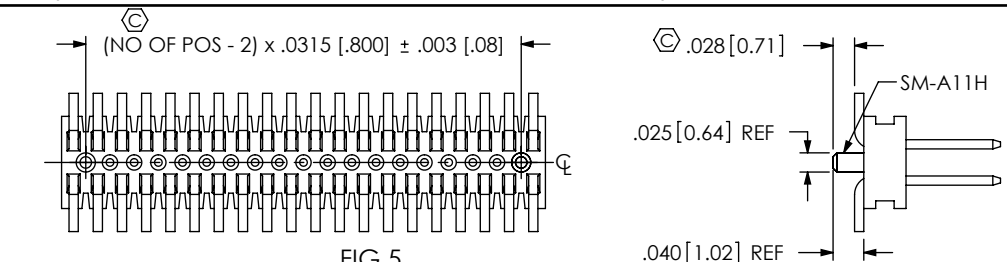


FIG 5  
 -A OPTION (STAKED) (7 POS MIN)  
 (DIFFERENT AS SHOWN OTHERWISE SAME AS FIG 1)

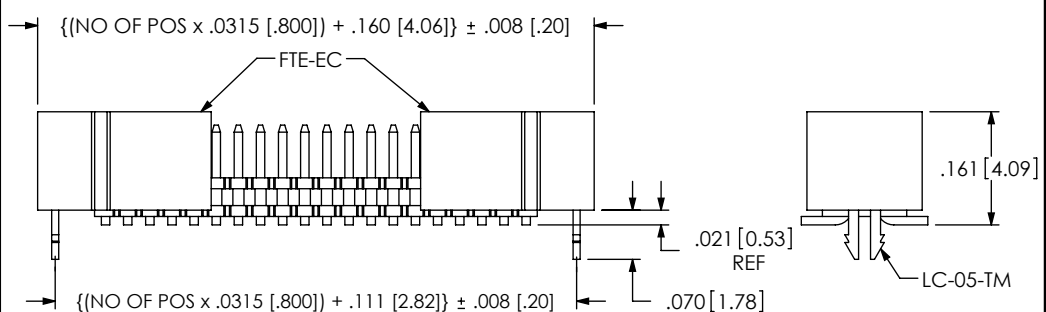


FIG 7  
 -EC OPTION  
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

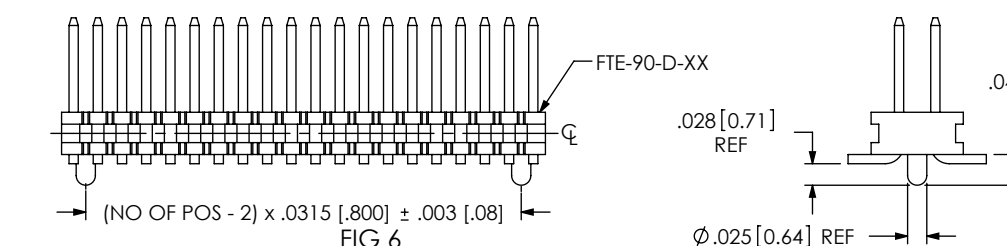


FIG 6  
 -A OPTION (MOLDED) (4 POS MIN)  
 (DIFFERENT AS SHOWN OTHERWISE SAME AS FIG 1)

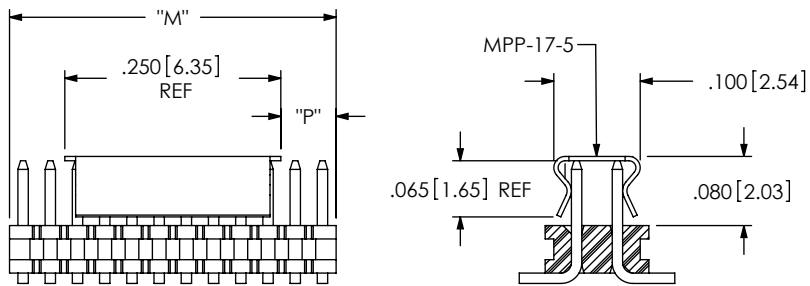
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DESCRIPTION:  
 .8MM x 1.2MM C.L. TERMINAL STRIP ASSM.  
 DWG. NO. FTE-1XX-XX-X-DV-XX-XX  
 BY: DEAN P 9/01/2009 SHEET 2 OF 3



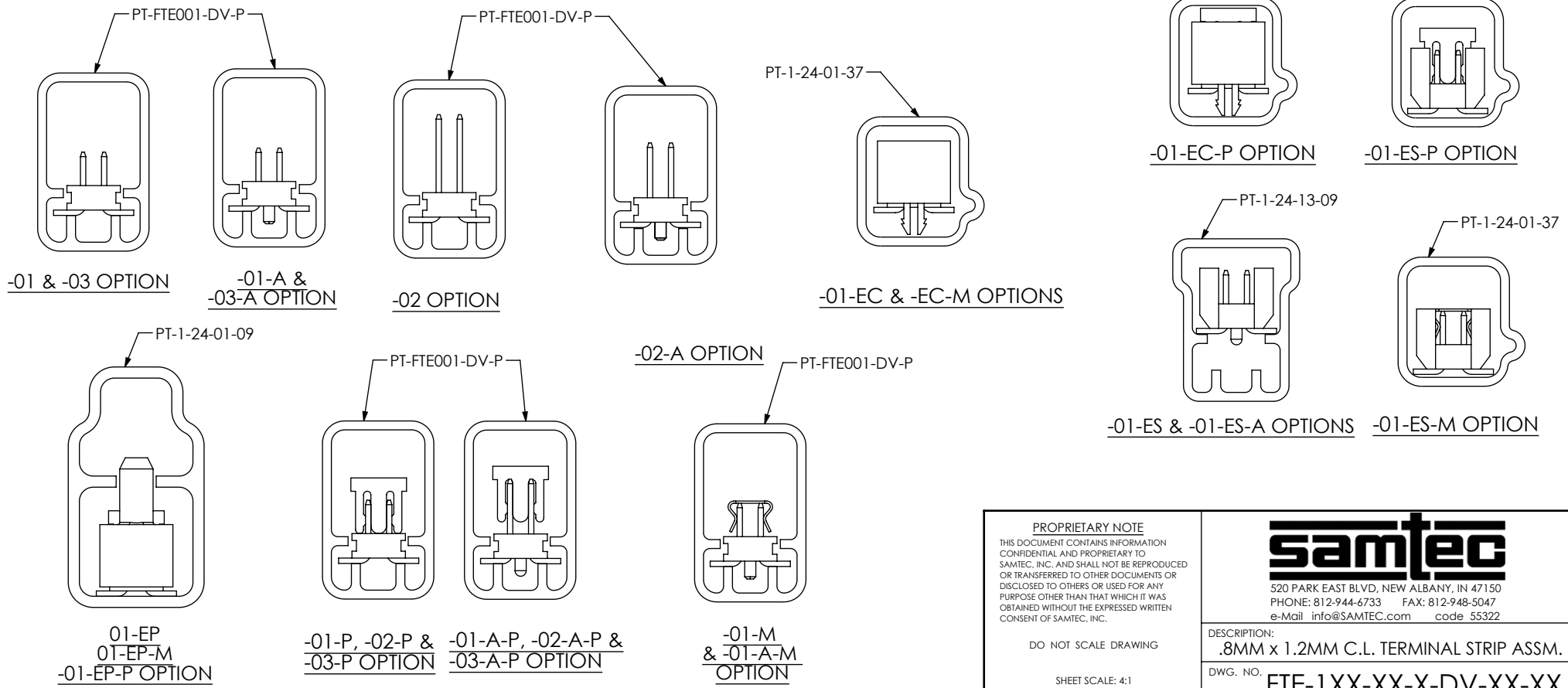
"M" = No OF POSITIONS x .0315 [.800]

"P" = { ("M" - .250 [6.35]) / 2 } ± .020 [.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-24
-02	NONE, -A	PT-FTE001-DV-P	TP-24
-03	NONE, -A	PT-FTE001-DV-P	TP-24
-01	-EC, -EC-P -EC-M, -ES-P, -ES-M	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-24
-01	-M, -AM	PT-FTE001-DV-P	TP-24
-01	-ES-A, -ES	PT-1-24-13-09	TP-24



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

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

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