

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM CONTACT RETENTION: 12 OZS.
3. MINIMUM LOCKING CLIP RETENTION: 8 OZS.
4. MAXIMUM HEIGHT VARIATION BETWEEN ANY TWO PINS: C
5. MAXIMUM TERMINAL BURR: .003[0.08].
6. COPLANARITY: .004[0.10] = POS 02 THRU 26
.006[0.15] = POS 27 THRU 50.
7. MEASURED FROM BEND.
8. MEASURE FROM TIPS OF PIN.
9. SIDES OF PLASTIC BODIES ON ALL LEAD STYLES EXCEPT THE -01 & C
10. NOTE DELETED.
11. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE C OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. C REF RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE C OPTION.
12. NOTE DELETED.
13. NOT ALL PARTS FOLLOW EIA-481 ORIENTATION IN THE T&R FOOTER.
14. NOTE DELETED.
15. NOTE DELETED.
16. TUBE IS STANDARD PACKAGING.
17. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING OPTION C STANDARD FOUND ON WWW.SAMTEC.COM
18. ATTACH LABEL TO EACH REEL.

(No. OF POSITIONS x .050[1.27]) + REF (No. OF POSITIONS x .050[1.27]) + .025[.64] REF

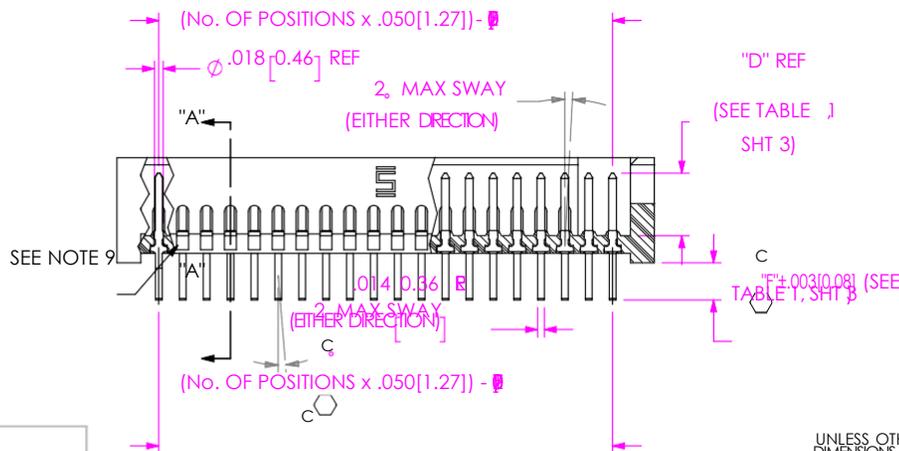
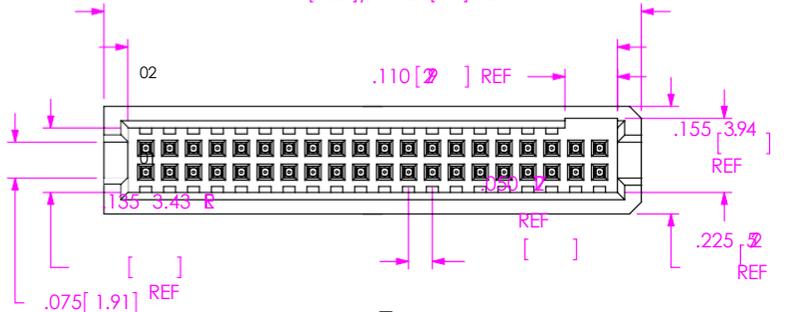
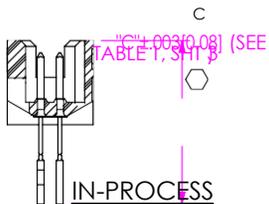


FIG 1 THROUGH HOLE -01, -11, -21, C



TFC-1XX-XX-XX-D-XX-X-XX

No OF POSITIONS

- LEAD STYLE -01, -02: -02 THRU -50 (ALL POSITIONS AVAILABLE)
- LEAD STYLES -11, -12: (-05 THRU -50 MULTIPLES OF 5 POSITIONS -12, -16, -17 ALSO AVAILABLE)
- LEAD STYLES -21, -22: (-05 THRU -50 MULTIPLES OF 5 POSITIONS -12 & -13 ALSO AVAILABLE)
- LEAD STYLES -31, -32: (-05 THRU -50 MULTIPLES OF 5 POSITIONS -12 ALSO AVAILABLE)

LEAD STYLE

THROUGH HOLE	SURFACE MOUNT
-01 (SEE FIG 1)	-02 (SEE FIG 2, SHT 2)
-11 (SEE FIG 1)	-12 (SEE FIG 2, SHT 2)
-21 (SEE FIG 1)	-22 (SEE FIG 2, SHT 2)
-31 (SEE FIG 1)	-32 (SEE FIG 2, SHT 2)

(SEE TABLE 1, SHT 3)

PLATING SPECIFICATION

- F: 3 μ " FLASH GOLD ON CONTACT AA
- MATTE TIN TAIL
- L: 1.5 μ " SELECTIVE GOLD ON CONTACT AA
- MATTE TIN TAIL
- M: 1.5 μ " SELECTIVE GOLD ON CONTACT AA
- MATTE TIN TAIL
- FM: 1.5 μ " FLASH GOLD ON CONTACT AA
- MATTE TIN TAIL

PACKAGING

- BLANK: TUBES (SEE NOTE 16 & 17)
- TR: TAPE AND REEL (SEE FIG 4, SHT 1) (NOT AVAILABLE WITH C)
- FR: REEL (SEE FIG 4, SHT 1) (NOT AVAILABLE WITH C)
- FR: REEL QTY. TAPE & REEL (NOT AVAILABLE WITH C) (SEE NOTE 15, 17 & 18)

PICK & PLACE OPTION

- P: PICK AND PLACE PAD (USE PBP-04) (NOT AVAILABLE WITH -RA)

(SEE FIG 7, SHT 3)

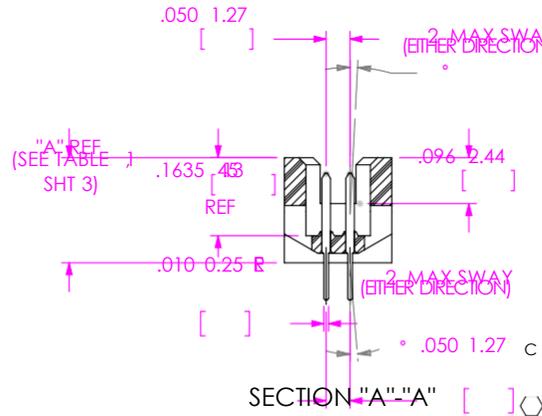
- K: POLYIMIDE FILM (SEE FIG 3, SHT 2) (ALL LEAD STYLES EXCEPT -21 AVAILABLE) (NOT AVAILABLE FOR C) (USE K-DOT-217-313-005)

OPTION

- A: ALIGNMENT PIN (USE T-BAXX-DXA) (SEE FIG 5, SHT 1) (NOT AVAILABLE WITH C)
- LC: LOCKING CLIP WIRE IS OPTIONAL (NOT AVAILABLE WITH C) (SEE FIG 3, SHT 2)
- RA: RIGHT ANGLE (AVAILABLE ONLY IN LEAD STYLE: C) (SEE FIG 8, SHT 2)

BODY SPECIFICATION

-D: DOUBLE ROW



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS: .01 [.3] ANGLES: 2
.XX: .005 [.13]
.XXXX: .0020 [5]

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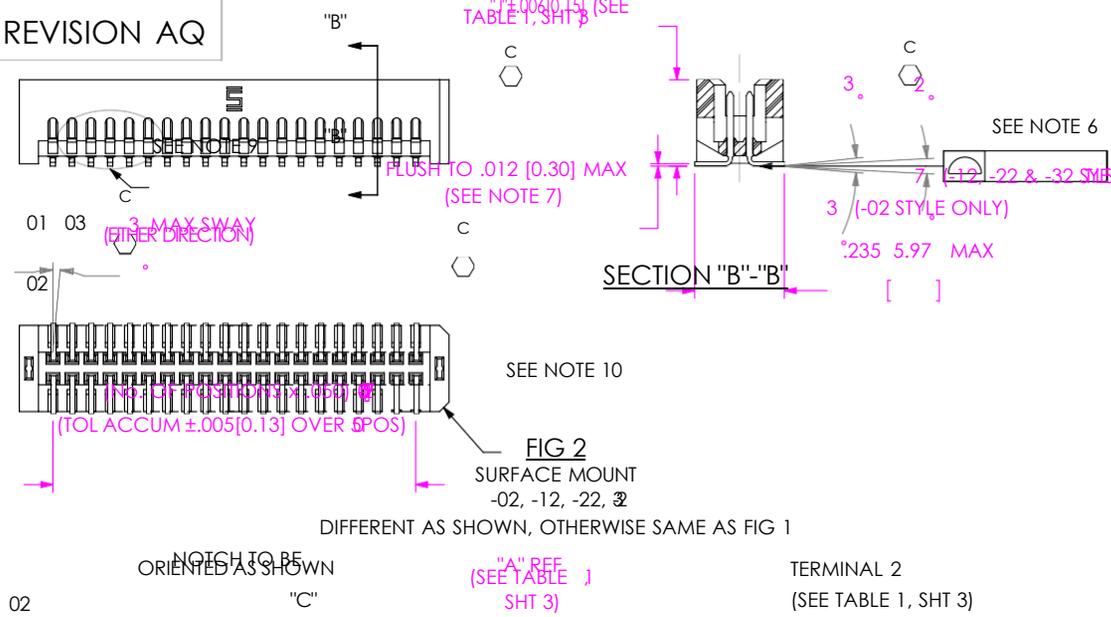
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INSULATOR: COLOR: BLACK

TERMINAL: PHOSPHOR BRONZE
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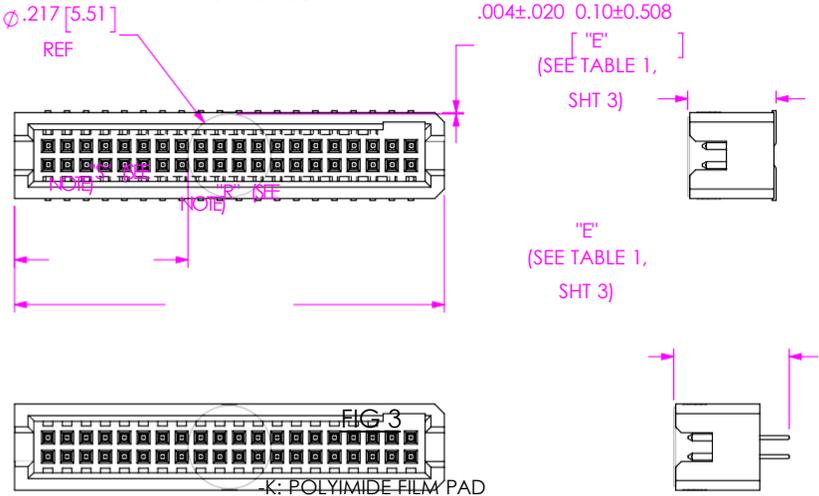
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DWG. NO. TFC-1XX-XX-XX-D-XX-X-XX
BY: BRATCHER 05/25/2001 SHEET 1 OF 4



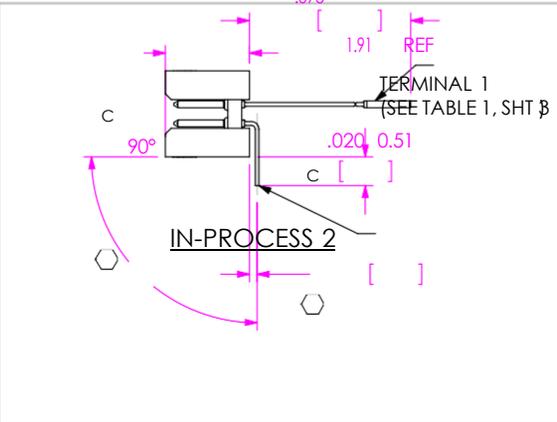
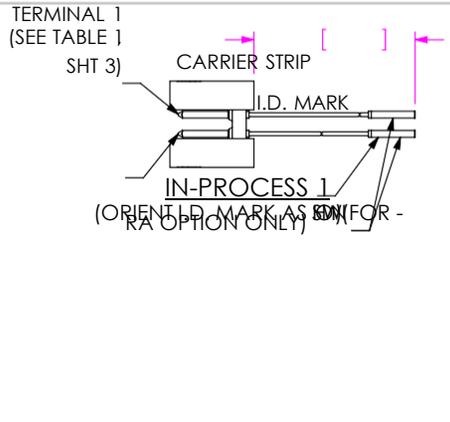
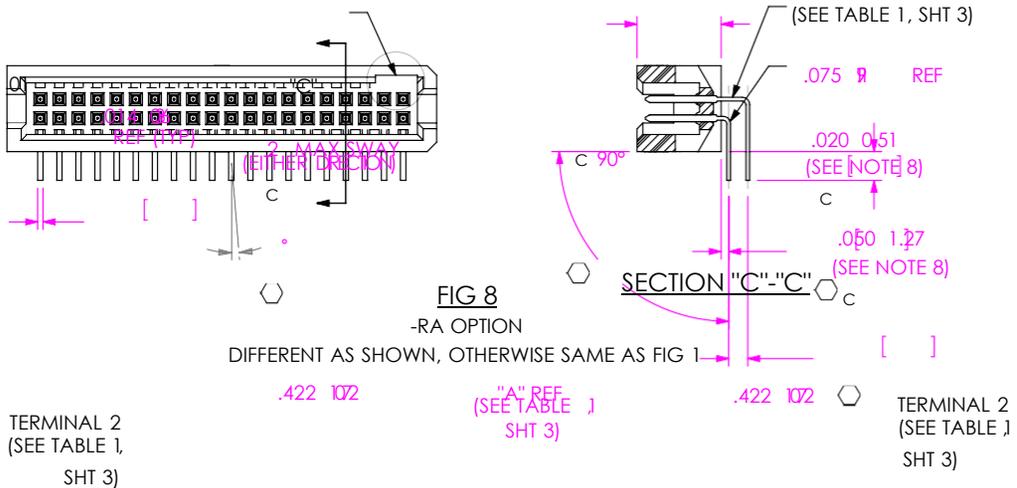
REVISION AQ



NOTE: "R" = OVERALL LENGTH (REF)
 "S" = $\{ ("R" - .217 [5.49] / 2) \}$



02 NOTCH TO BE ORIENTED AS SHOWN "C" "A" REF (SEE TABLE 1, SHT 3) TERMINAL 2 (SEE TABLE 1, SHT 3) TERMINAL 1 (SEE TABLE 1, SHT 3)



PROPRIETARY NOTE

F:\DWG\MISC\MKTG\TFC-1XX-XX-XX-D-XX-X-XX-MKT.SLDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 2

DESCRIPTION: TFC-1XX-XX-XX-D-XX-X-XX
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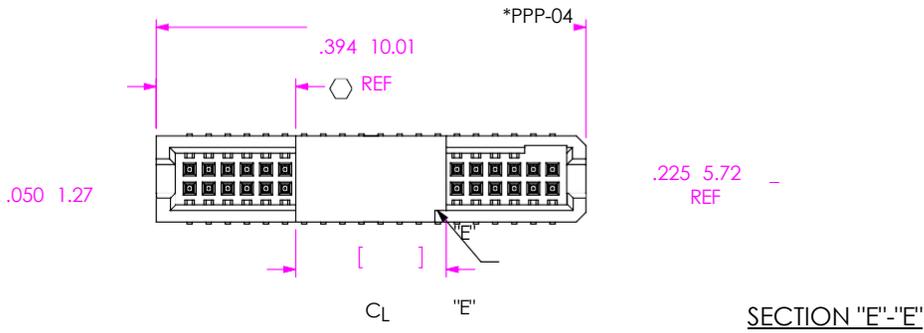
TABLE 1

LEAD STYLE	BODY	"A"	TERMINAL 1	TERMINAL 2	"C"	"D"	"E"	"F"	"J"
-01	TFM-XX-D-01-XX	.2200 [5.588]	T-1R16-01-XX-2	N/A	.428 [10.87]	.131 [3.33]	.303 [7.70]	.078 [1.98]	N/A
-11	TFM-XX-D-02-XX	.2900 [7.366]	T-1R20-03-XX	N/A	.645 [16.38]	.139 [3.53]	.375 [9.53]	.080 [2.03]	N/A
-21	TFM-XX-D-03-XX	.3600 [9.144]	T-1R20-04-XX	N/A	.645 [16.38]	.139 [3.53]	N/A	.080 [2.03]	N/A
-31	TFM-XX-D-04-XX	.4350 [11.049]	T-1R20-02-XX	N/A	.645 [16.38]	.139 [3.53]	.520 [13.21]	.080 [2.03]	N/A
-02	TFM-XX-D-01-XX	.2200 [5.588]	T-1R16-01-XX-2	N/A	.428 [10.87]	.131 [3.33]	.231 [5.87]	N/A	.226 [5.74]
-12	TFM-XX-D-02-XX	.2900 [7.366]	T-1R20-03-XX	N/A	.645 [16.38]	.139 [3.53]	.301 [7.65]	N/A	.296 [7.52]
-22	TFM-XX-D-03-XX	.3600 [9.144]	T-1R20-04-XX	N/A	.645 [16.38]	.139 [3.53]	.371 [9.42]	N/A	.366 [9.30]
-32	TFM-XX-D-04-XX	.4350 [11.049]	T-1R20-02-XX	N/A	.645 [16.38]	.139 [3.53]	.446 [11.33]	N/A	.441 [11.20]
-01-RA	TFM-XX-D-01-XX	.2200 [5.588]	T-1R16-02-XX	T-1R16-03-XX	N/A	.142 [3.61]	N/A	N/A	N/A

NOTE "P" (SEE

"M" (SEE NOTE) C

(NO. OF POSITIONS X .050[1.27] + .075[1.91]) REF

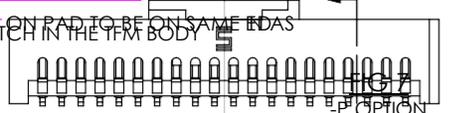


SECTION "E"-"E"

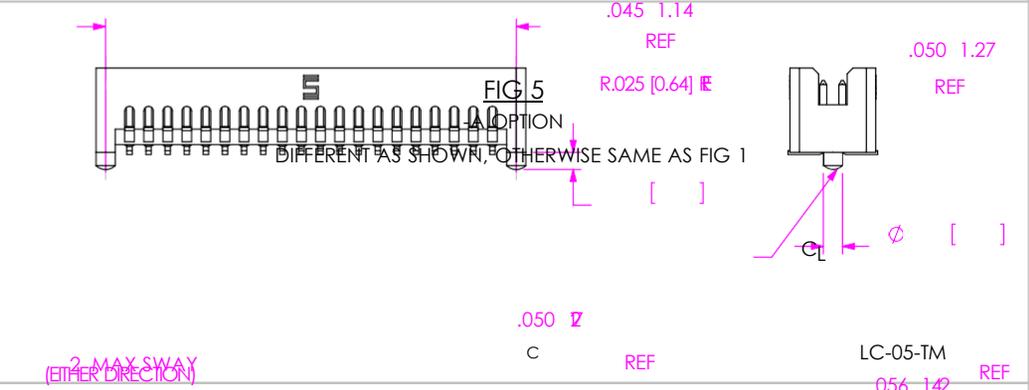
NOTE: "M" = (No. OF POS X .050[1.27]) + .125[3.18] (REF)

"P" = (("M" - .394[10.01]) / 2) ±.020[.51]

* NOTCH ON PAD TO BE ON SAME PDAS THE NOTCH IN THE TFM BODY

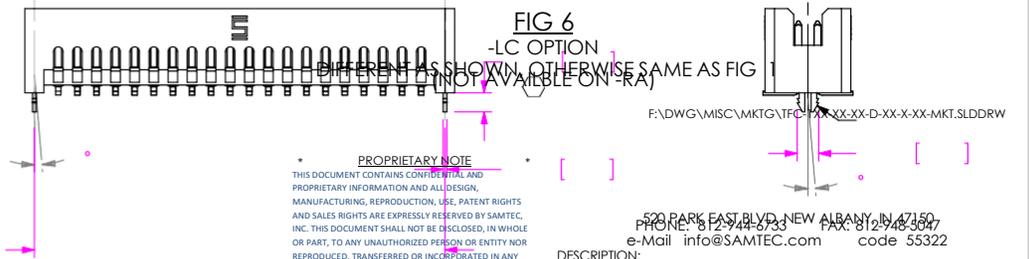


DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1 (PAD TO BE POSITIONED ON CL AS SHOWN)



(? MAX SWAY (EITHER DIRECTION))

((NO. OF POSITIONS X .050[1.27]) + .075[1.91]) REF



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DO NOT SCALE DRAWING
SHEET SCALE: 2:1

DESCRIPTION:
.050 X .050 TERMINAL STRIP

DWG. ID: TFC-1XX-XX-XX-D-XX-X-XX

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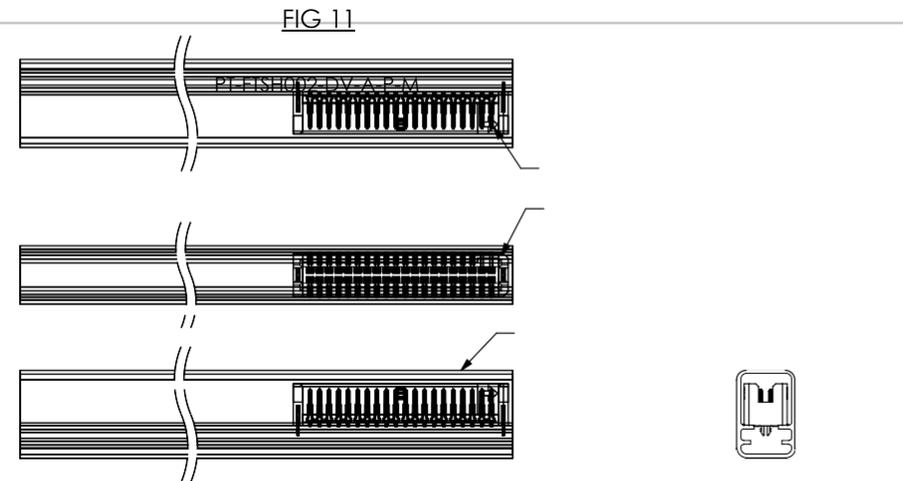
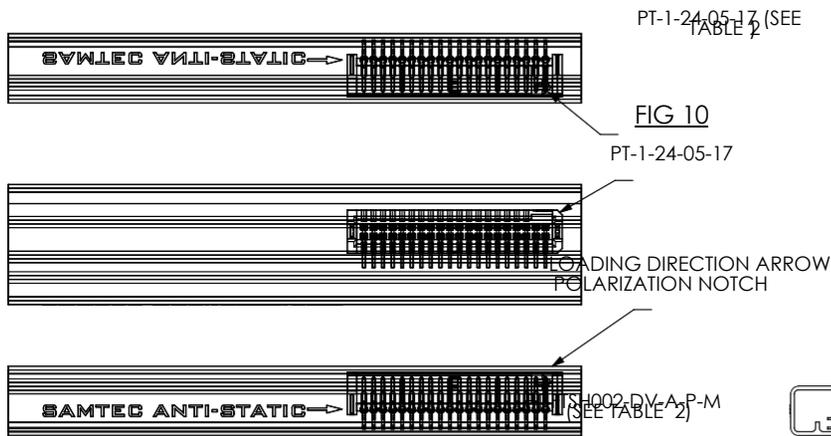
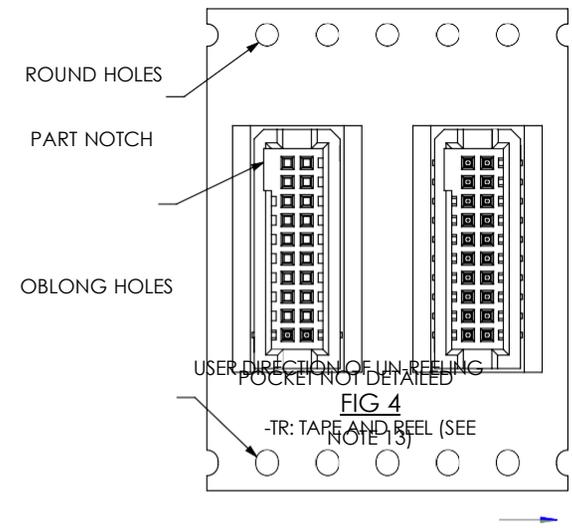
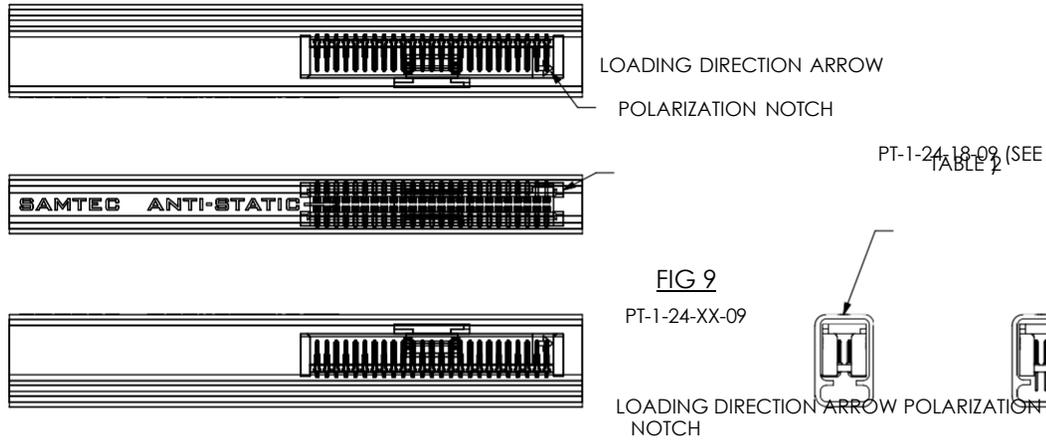


TABLE 2

LEAD STYLE	OPTION	TUBE	PLUG
-01 NOTE:	-K, -LC-K, -LC-P, -A-P, -A-K, -P, -WT-P	PT-1-24-18-09	TP-09
	BLANK, -A, -LC, -WT	PT-FTSH002-DV-A-P-M	TP-03
-11	BLANK, -A, -A-K, -LC, -LC-K, -K	PT-1-24-18-09	TP-07
	PROPRIETARY NAME -A-P, -LC-P, -P	PT-1-24-20-09	TP-07
-21	BLANK, -A-P, -LC-P, -P	PT-1-24-05-09	TP-07
	A-K, -LC-K, -K	PT-1-24-20-09	TP-07
-31	BLANK, -A, -LC	PT-1-24-02-09	TP-07
	A-K, -LC-K, -A-P, -LC-P, -P	PT-1-24-02-09	TP-07
-02	BLANK, -A, -A-K, -LC	.050X-FISH002-DV-A-P-M STRIPP	TP-03
-12	DO NOT SCALE DRAWING SHEET SCALE: 2:1	PT-1-24-18-09	TP-09
	ANY	PT-1-24-04-09	TP-07
-22	BLANK, -A, -A-K, -LC, -LC-K, -K	PT-1-24-04-09	TP-07
	-A-P, -LC-P, -P	PT-1-24-05-09	TP-07
-32	ANY	PT-1-24-02-09	TP-07

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PT-FISH002-DV-A-P-M
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SHEET 4 OF 4

