

REVISION AY

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THIS PRINT

NOTES:

1. $\odot$ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM PIN ROTATION: 2°.
3. MINIMUM PUSHOUT FORCE: 1 LB.
4. NOTE DELETED.
5. MINIMUM RETENTION FOR LOCKING CLIPS: 12 OZ.
6. MUST BE MEASURED AT BEND.
7. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
8. TUBES ARE STANDARD PACKAGING.
9. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
10. ATTACH LABEL TO EACH REEL.
11. 2 AND 3 POSITION PARTS WITH -K OPTION MUST SHIP IN TAPE & REEL.

LTMM-1XX-XX-XX-D-XX-XX-X-XX

No OF POSITIONS
-02 THRU -25

TERMINAL STYLE

-01: .100[2.54] POST HEIGHT (STANDARD)
-02: .120[3.05] POST HEIGHT
(SEE TABLE 1)

PLATING SPECIFICATION

-G: 20 μ " SELECTIVE GOLD IN CONTACT AREA,
3 μ " SELECTIVE GOLD ON TAIL
-T: MATTE TIN CONTACT AND TAIL
-S: 30 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-L: 10 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-F: 3 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-H: 30 μ " SELECTIVE GOLD IN CONTACT AREA,
3 μ " SELECTIVE GOLD ON TAIL
-SM: 30 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-TM: MATTE TIN ON ENTIRE PIN
-LM: 10 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL
-FM: 3 μ " SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL

PACKAGING

BLANK: TUBES (SEE NOTE 8 & 9)
(SEE FIG 8, SHT 4)
-TR: TAPE & REEL (SEE NOTES 9, 10, & 11)
(SEE FIG 7, SHT 4)
-FR: FULL REEL QTY TAPE & REEL
(SEE NOTES 9, 10, & 11)
(-TR & -FR PACKAGING ARE
AVAILABLE WITH -SM OPTION ONLY)

PICK & PLACE OPTION

-P: PICK & PLACE PAD
(USE PPP-24, SEE FIG 4, SHT 2)
(-SM OPTION ONLY)
(ONLY AVAILABLE IN 04-25 POSITIONS)
-M: METAL PICK AND PLACE PAD
(USE MPP-07, SEE FIG 5, SHT 2)
(-SM OPTION ONLY)
-K: POLYIMIDE FILM (SEE NOTE 11)
(USE K-DOT-.295-.406-.005)
(SEE FIG 6, SHT 3)
(-SM OPTION ONLY)

POLARIZED OPTION

XX INDICATES POS TO BE OMITTED

OPTION

LEAVE BLANK FOR THROUGH HOLE
(SEE FIG 1 & TABLE 1)
-RA: RIGHT ANGLE
(SEE FIG 2, SHT 2 & TABLE 1)
-SM: SURFACE MOUNT
(SEE FIG 3, SHT 3 & TABLE 1)
-LC: LOCKING CLIP (SEE NOTE 7)
(USE LC-05-TM FOR TH STYLE,
SEE FIG 1)
(USE LC-07-TM FOR -SM STYLE,
SEE FIG 3, SHT 3)
(NOT AVAILABLE FOR -RA STYLE)

ROW SPECIFICATION

-D: DOUBLE (USE LTMM-XX-D-LC)

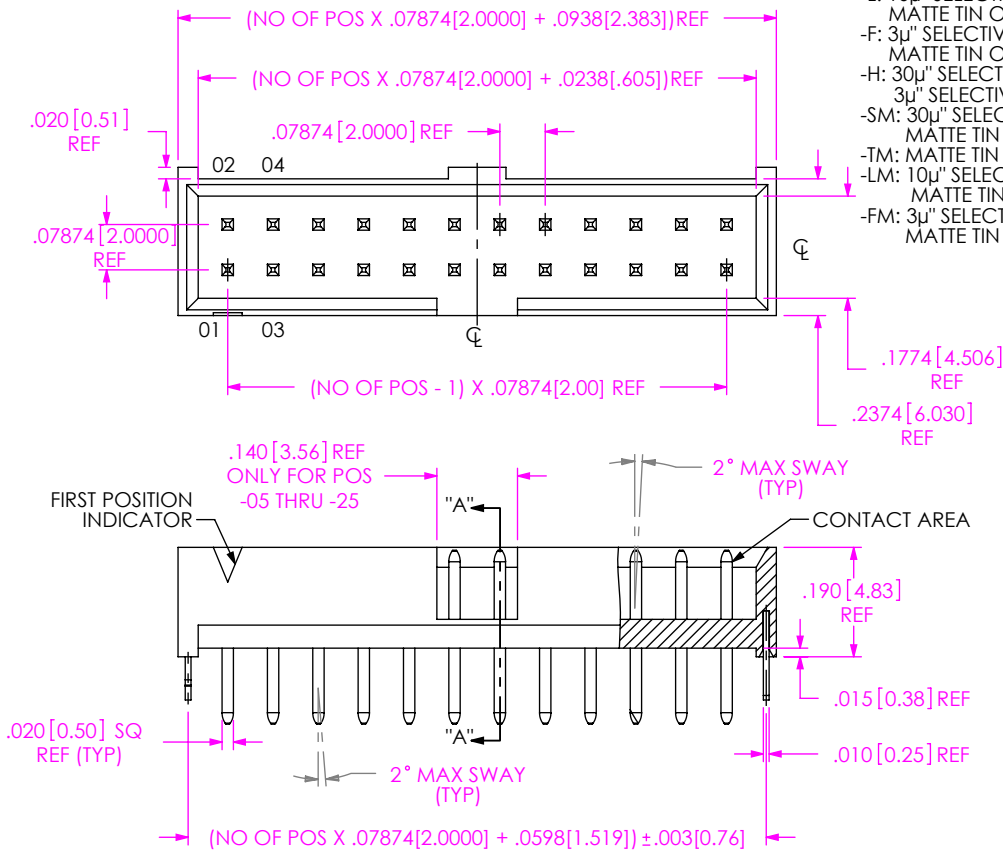
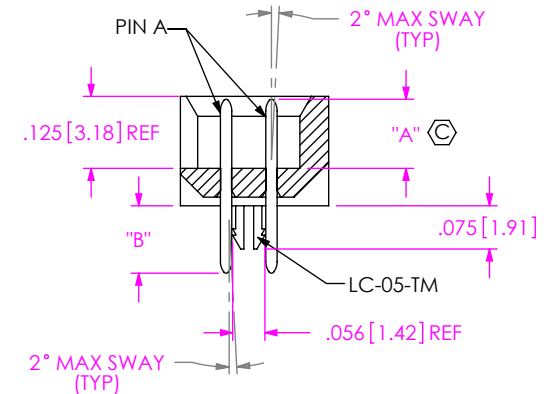


FIG 1
THROUGH HOLE
LTMM-112-02-XX-D-LC SHOWN



SECTION "A"-"A"

TABLE 1

THROUGH HOLE (SEE FIG 1)	LEAD STYLE	"A"	"B" REF	"C" REF	PIN A	PIN B
	-01	.100 [2.54]	.090 [2.30]	N/A	T-1S13-04-X-2	N/A
	-02	.120 [3.05]	.117 [3.00]	N/A	T-1S13-07-X-2	N/A
RIGHT ANGLE (SEE FIG 2, SHT 2)	-01	.100 [2.54]	.232 [5.90]	.390 [9.91]	T-1S13-05-X-2	T-1S13-06-X-2
	-02	.120 [3.05]	.228 [5.80]	.386 [9.80]	T-1S13-19-X-2	T-1S13-22-X-2
SURFACE MOUNT (SEE FIG 3, SHT 3)	-01	.100 [2.54]	.172 [4.40]	N/A	T-1S13-07-X-2	N/A
	-02	.120 [3.05]	.173 [4.40]	N/A	T-1S13-20-X-2	N/A

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$ [0.3] 2°
.XXX: $\pm .005$ [0.13]
.XXXX: $\pm .0020$ [0.051]

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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOSPHOR BRONZE

SHEET SCALE: 3:1

DESCRIPTION:

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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

LTMM ASSEMBLY

DWG. NO.

LTMM-1XX-XX-XX-D-XX-XX-X-XX

BY: BRYANT 05/28/1992 SHEET 1 OF 4

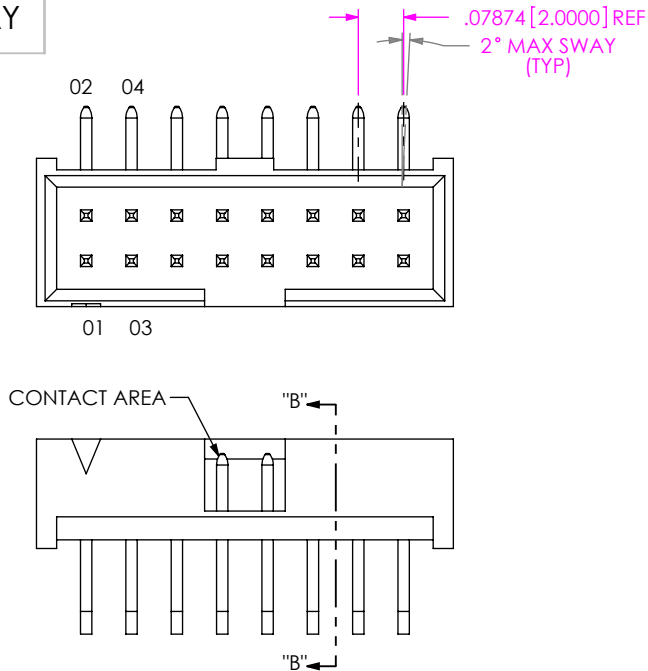
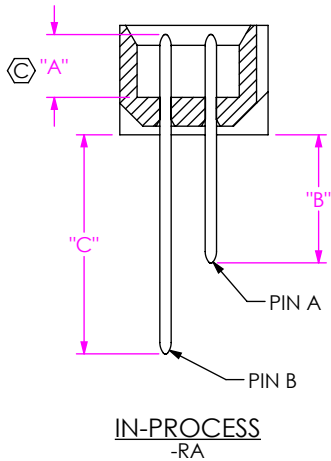
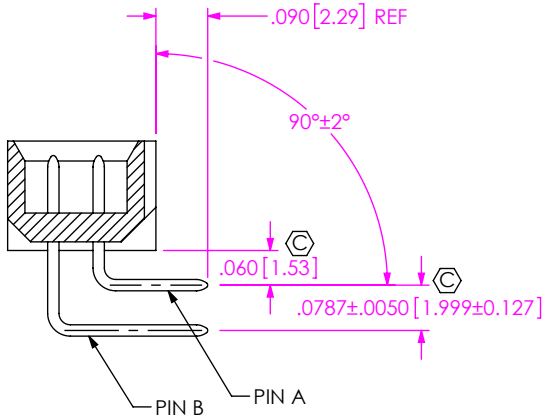


FIG 2
RIGHT ANGLE
LTMM-108-01-XX-D-RA SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



SECTION "B"-"B"

NOTE: "R" = USED MEASURED DIMENSION
"S" = {"R"-.250 [6.35]} /2 ±.020 [0.51]

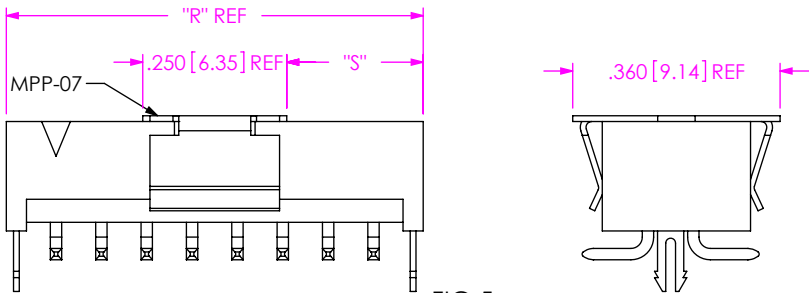


FIG 5
-M: METAL PICK AND PLACE PAD
LTMM-108-01-XX-D-SM-LC-M SHOWN
FOR SURFACE MOUNT OPTIONS ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

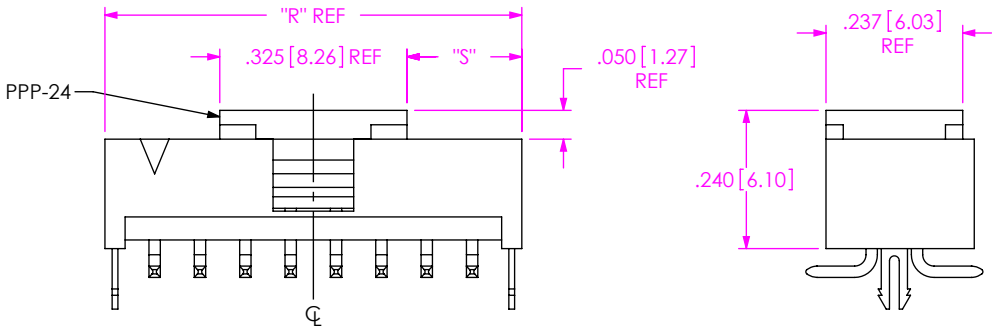


FIG 6
-P: PICK AND PLACE PAD
LTMM-108-01-XX-D-SM-LC-P SHOWN
FOR SURFACE MOUNT OPTIONS ONLY
(ONLY AVAILABLE IN 04-25 POSITIONS)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

NOTE: "R" = USED MEASURED DIMENSION
"S" = {"R"-.325 [8.26]} /2 ±.020 [.51]

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SHEET SCALE: 3:1

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

DESCRIPTION: LTMM ASSEMBLY
DWG. NO. LTMM-1XX-XX-XX-D-XX-XX-X-XX
BY: BRYAN T 05/28/1992 SHEET 2 OF 4

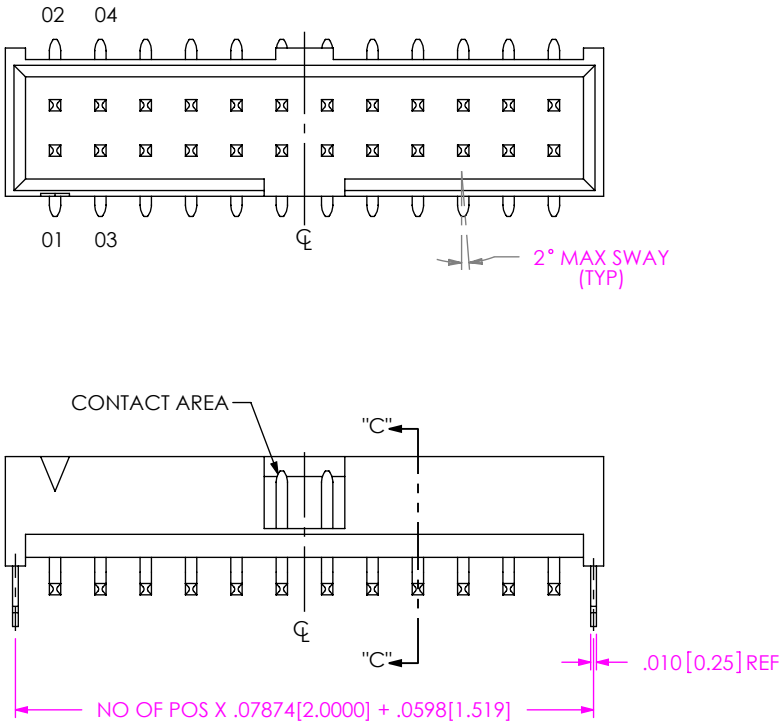
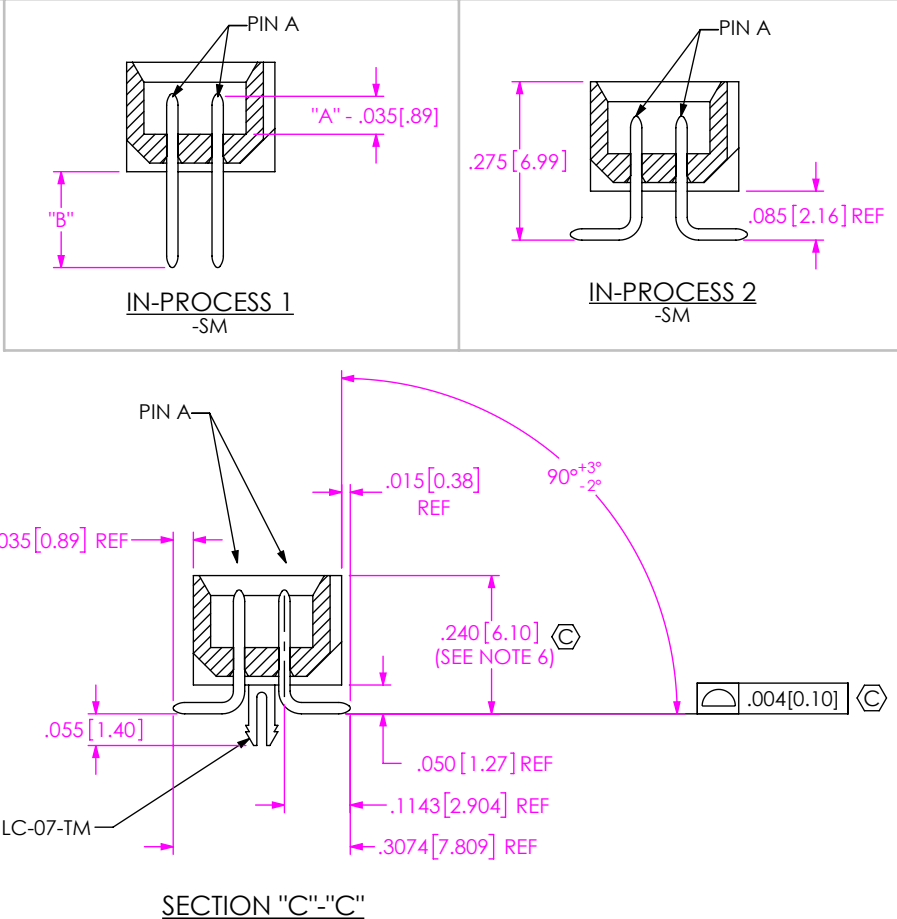


FIG 3
SURFACE MOUNT
LTMM-108-01-XX-D-SM-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



SECTION "C"-"C"

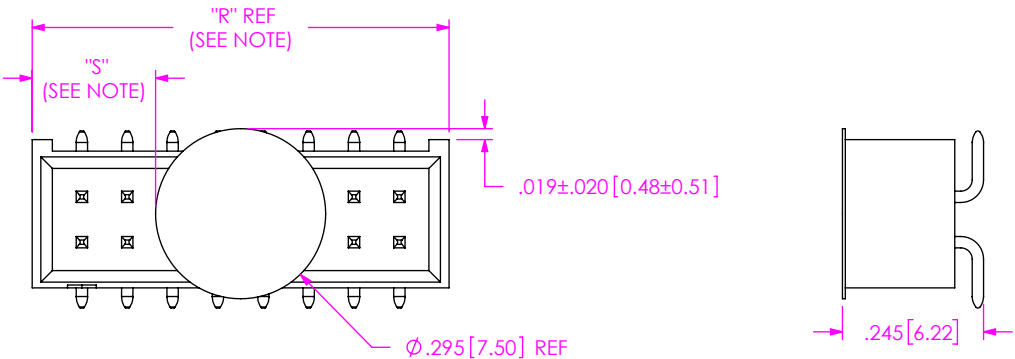


FIG 6
-K OPTION (POLYIMIDE FILM)
LTMM-108-01-XX-D-SM-K SHOWN
FOR SURFACE MOUNT OPTIONS ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

NOTE: "R" = USED MEASURED DIMENSION
"S" = {("R"-.2953 [7.500]) / 2} ±.020 [.51]

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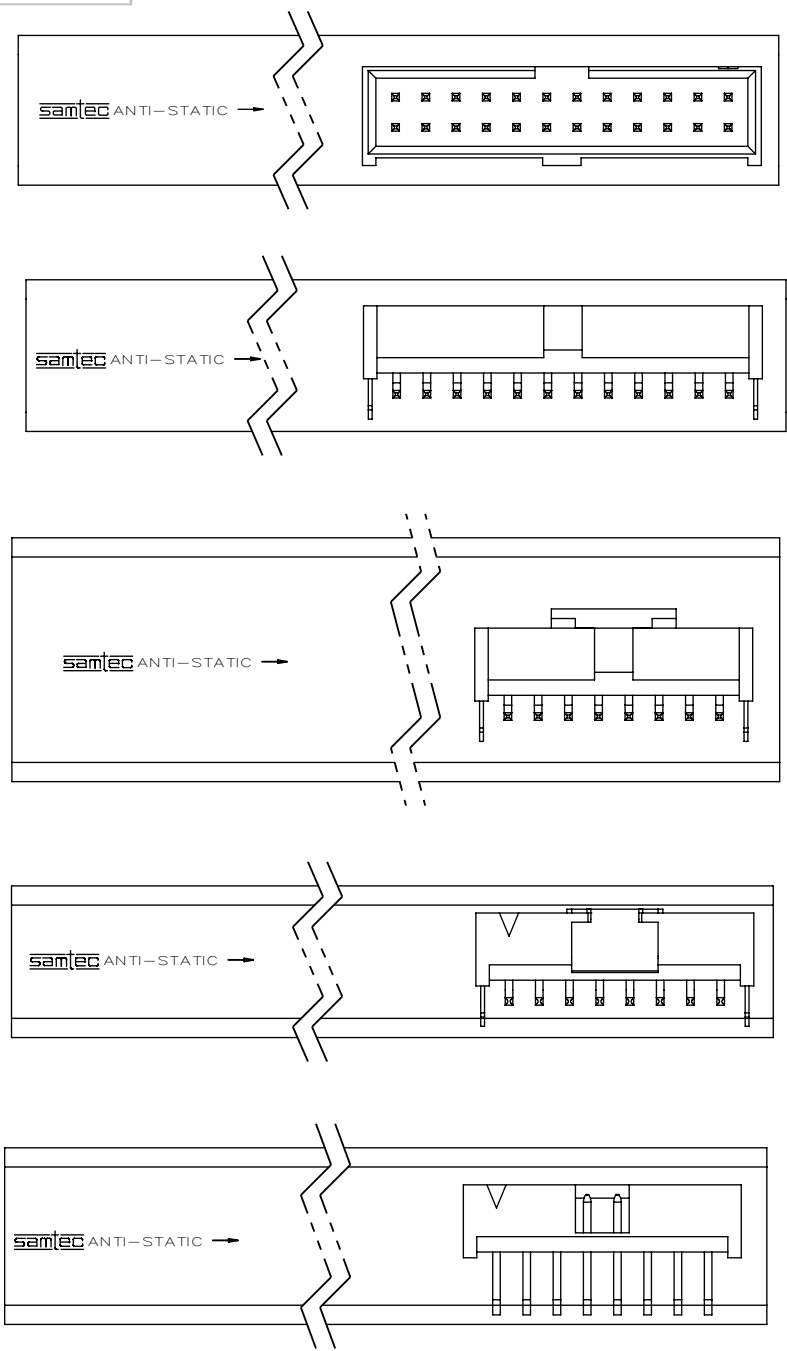


FIG 8
TUBE PACKAGING VIEW

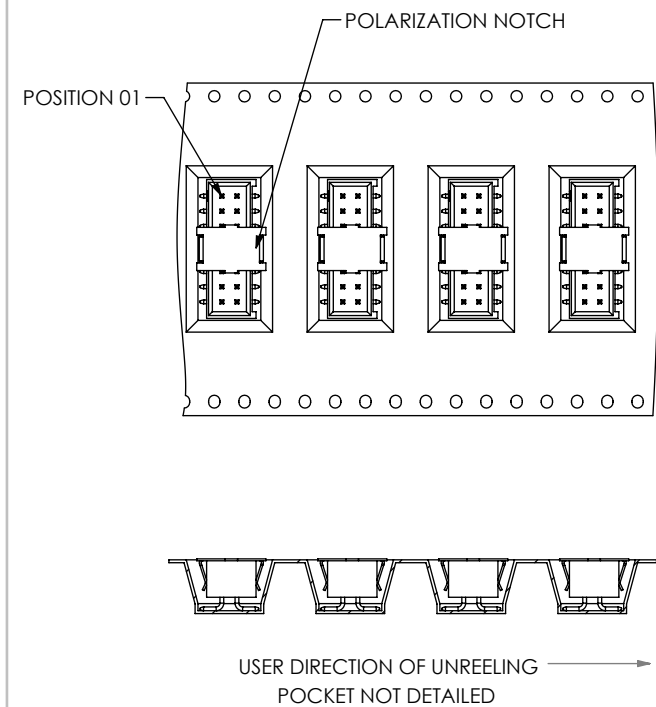
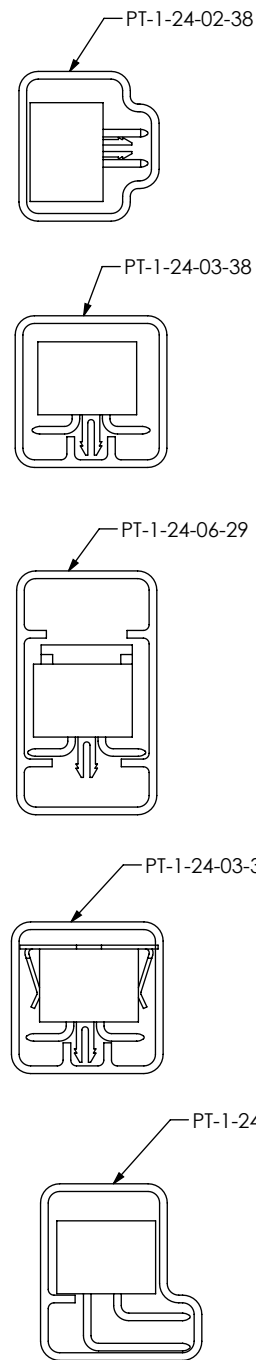


FIG 7
SCALE 1:1
TAPE & REEL VIEW

TABLE 2		
OPTIONS	PACKAGING TUBE	PLUG
STANDARD, -LC	PT-1-24-02-38	TP-03
-SM, -SM-LC, -SM-M, -SM-K	PT-1-24-03-38	TP-03
-SM-LC-P, -SM-P	PT-1-24-06-29	TP-07
-RA	PT-1-24-01-45	TP-03

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