

NOTES:

1. Ⓞ 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.

DO NOT SCALE FROM THIS PRINT

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

No OF POSITIONS
-02 THRU -25

POLARIZED OPTION
XX INDICATES POS TO BE OMMITTED

TERMINAL STYLE

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

PLATING SPECIFICATION

- G: 20μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 15μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- TM: MATTE TIN ON ENTIRE PIN
- LM: 15μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

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)
 - 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: POLYAMIDE FILM (SEE FIG 6, SHT 3) (-SM OPTION ONLY)
 - TR: TAPE AND REEL (SEE FIG 7, SHT 4) (-SM OPTION ONLY)
- ROW SPECIFICATION
-D: DOUBLE (USE LTMM-XX-D-LC)

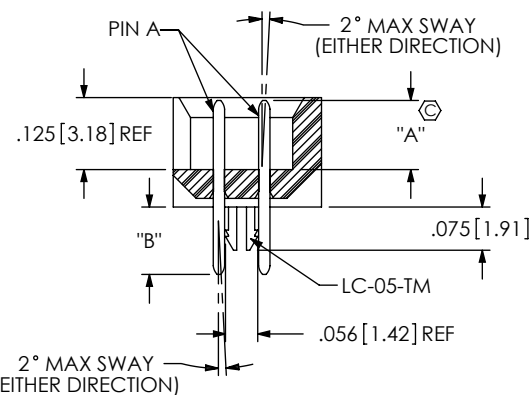
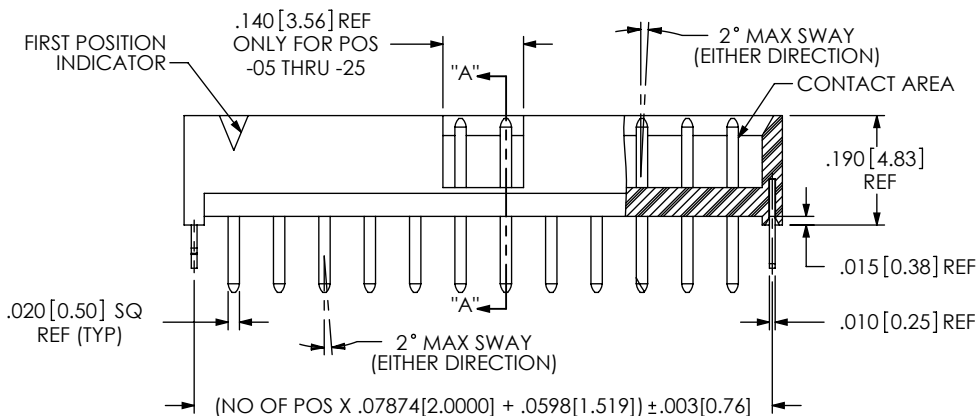
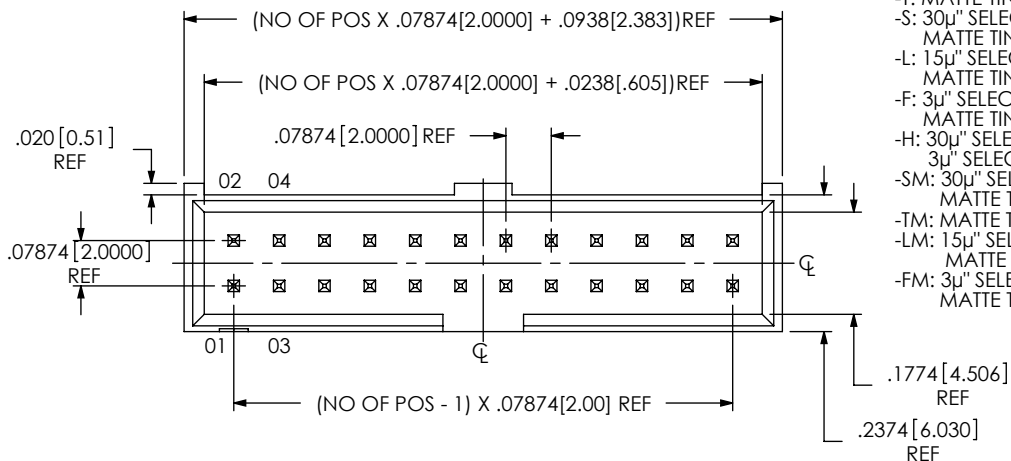


FIG 1 THROUGH HOLE LTMM-112-02-XX-D-LC SHOWN

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-X2 | N/A |
| | -02 | .120 [3.05] | .117 [3.00] | N/A | T-1S13-07-X2 | N/A |
| RIGHT ANGLE (SEE FIG 2, SHT 2) | -01 | .100 [2.54] | .232 [5.90] | .390 [9.91] | T-1S13-05-X2 | T-1S13-06-X2 |
| | -02 | .120 [3.05] | .228 [5.80] | .386 [9.80] | T-1S13-19-X2 | T-1S13-22-X2 |
| SURFACE MOUNT (SEE FIG 3, SHT 3) | -01 | .100 [2.54] | .172 [4.40] | N/A | T-1S13-07-X2 | N/A |
| | -02 | .120 [3.05] | .173 [4.40] | N/A | T-1S13-20-X2 | N/A |

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 SHEET SCALE: 3:1
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOSPHER BRONZE

DESCRIPTION: LTMM ASSEMBLY

DWG. NO. LTMM-1XX-XX-XX-D-XX-XX

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

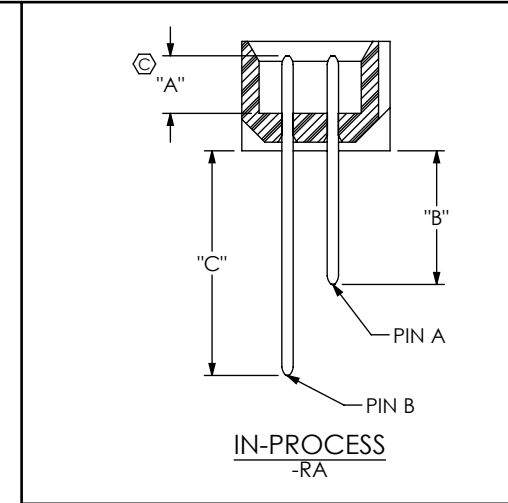
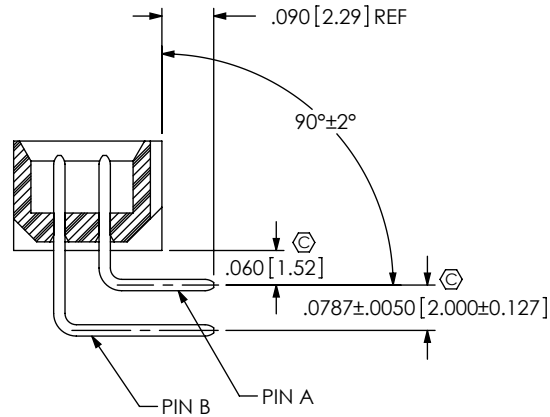
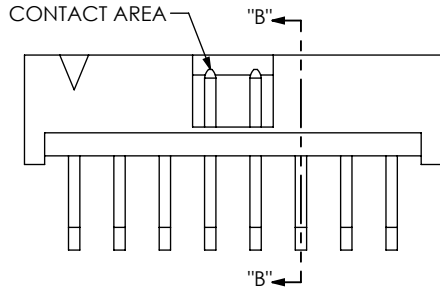
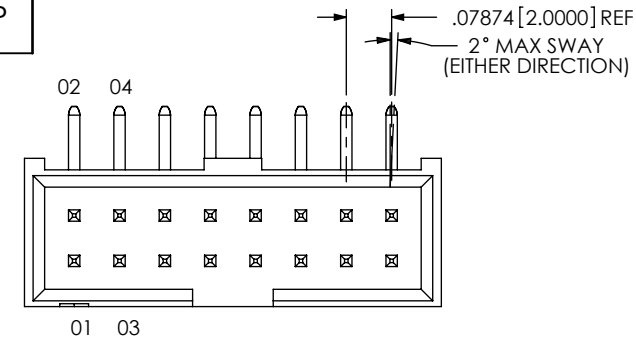
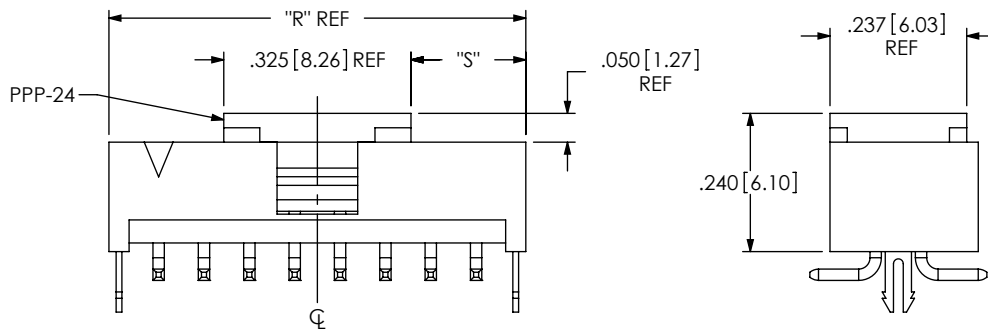


FIG 2
RIGHT ANGLE
LTMM-108-01-XX-D-RA SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)



NOTE: "R" = USED MEASURED DIMENSION
"S" = $\{("R"-.325 [8.26]) / 2\} \pm .020 [0.51]$

FIG 4
-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" = $\{("R"-.250 [6.35]) / 2\} \pm .020 [0.51]$

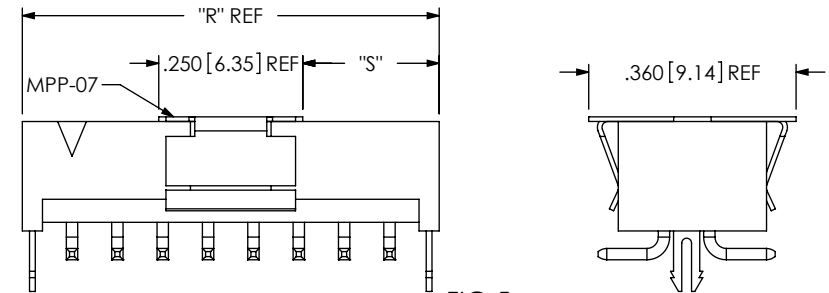


FIG 5
-M: METAL PICK AND PLACE PAD
LTMM-108-01-XX-D-SM-LC-M SHOWN
FOR SURFACE MOUNT OPTIONS ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

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SHEET SCALE: 3:1

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DESCRIPTION:

LTMM ASSEMBLY

DWG. NO.

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

BY: BRYAN T 05/28/1992 SHEET 2 OF 4

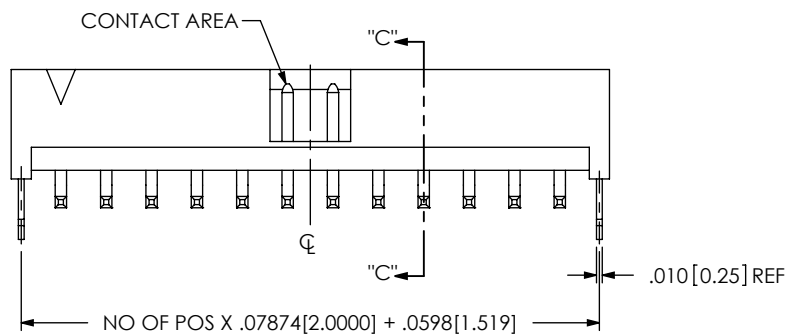
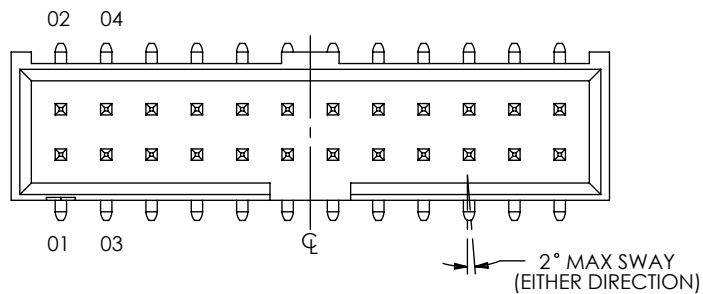


FIG 3
SURFACE MOUNT
LTMM-108-01-XX-D-SM-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

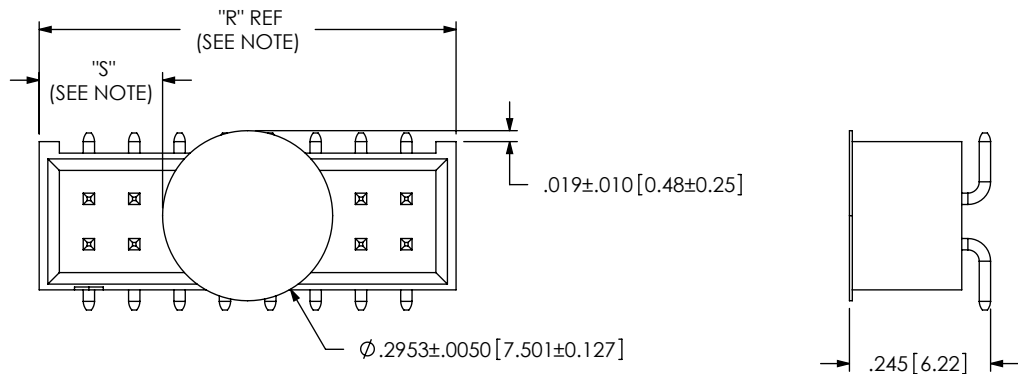
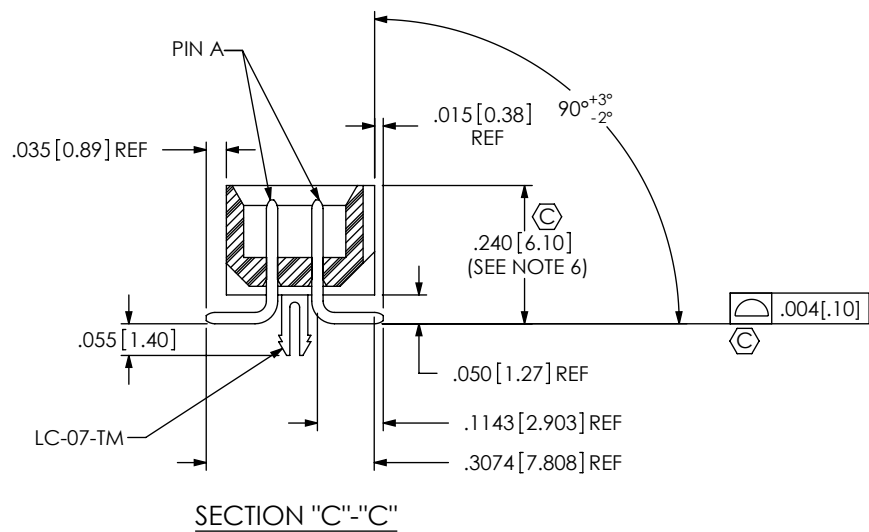
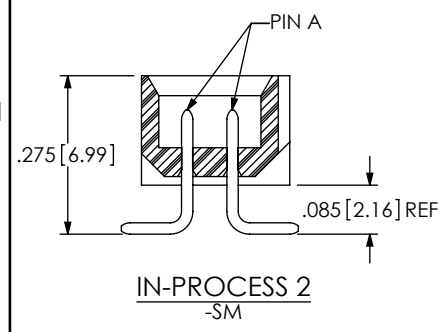
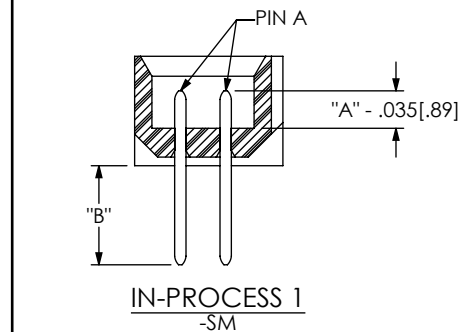


FIG 6
-K OPTION (POLYAMIDE FILM)
LTMM-108-01-XX-D-SM-K SHOWN
FOR SURFACE MOUNT OPTIONS ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

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

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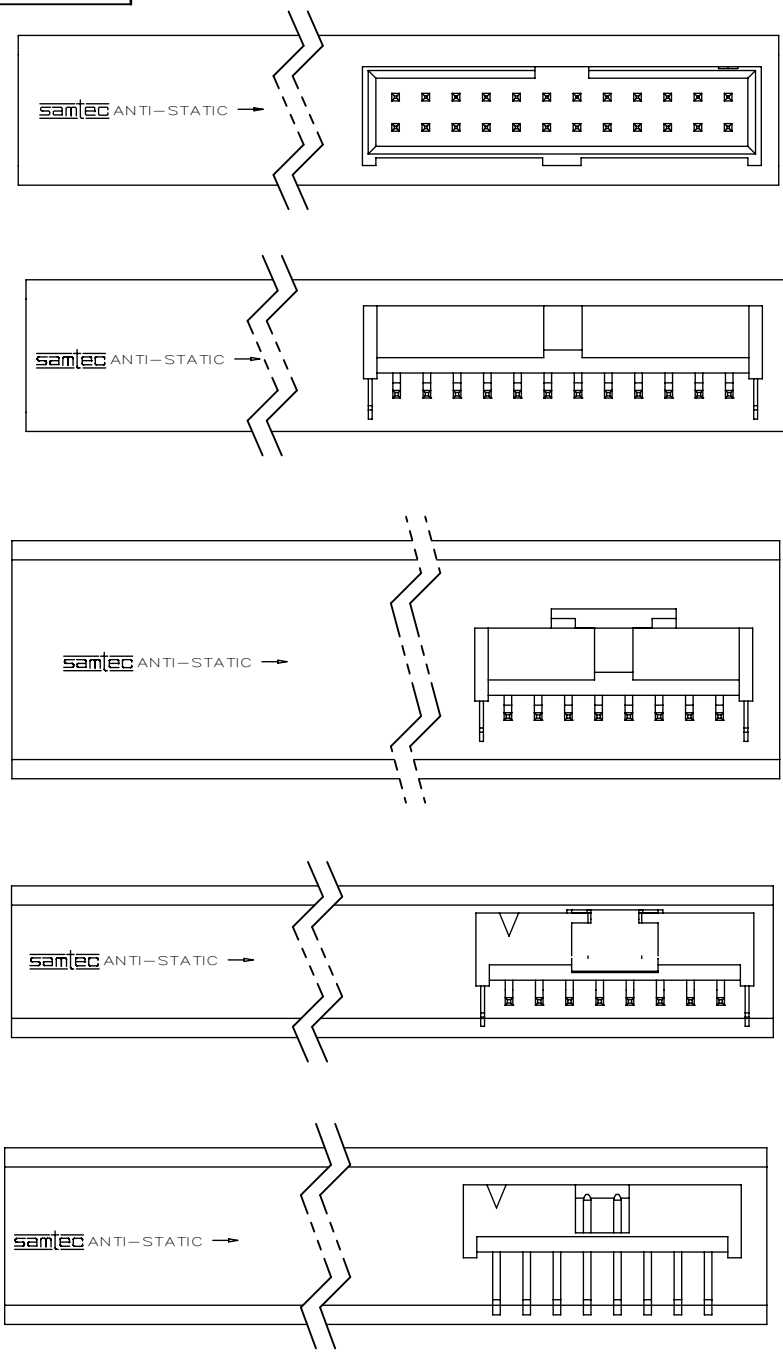


FIG 8
TUBE PACKAGING VIEW

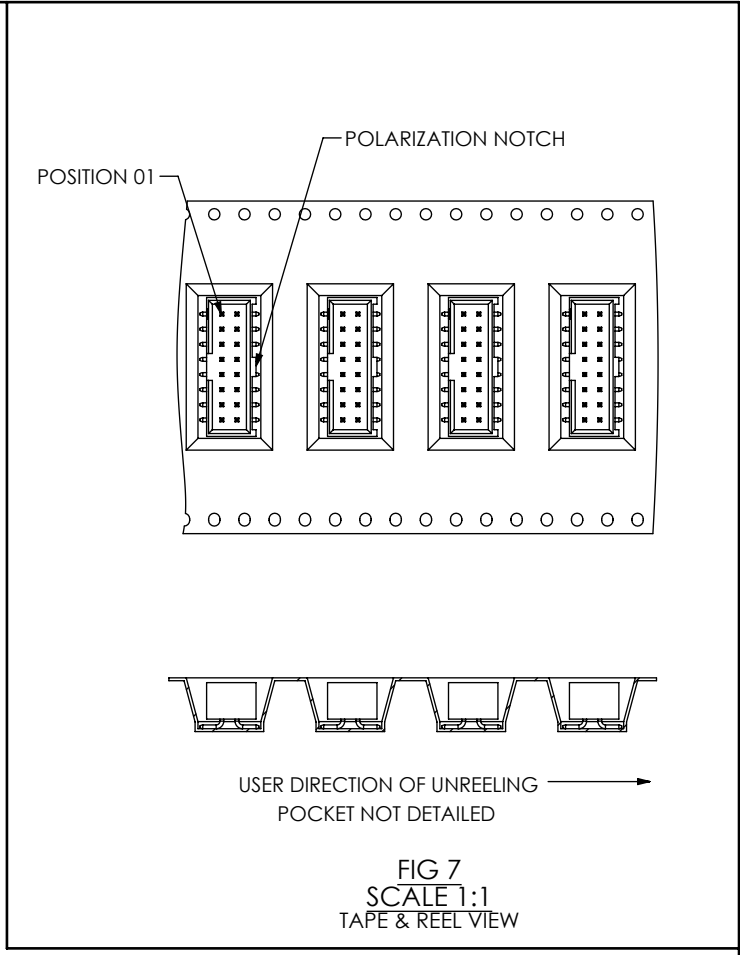
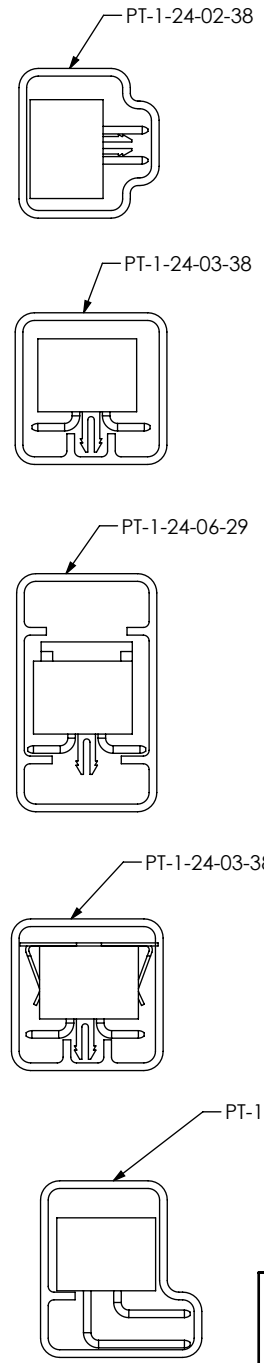


TABLE 2

| OPTIONS | PACKAGING TUBE | PLUG |
|--------------------|----------------|-------|
| STANDARD, -LC | PT-1-24-02-38 | TP-03 |
| -SM, -SM-LC, -SM-M | 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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