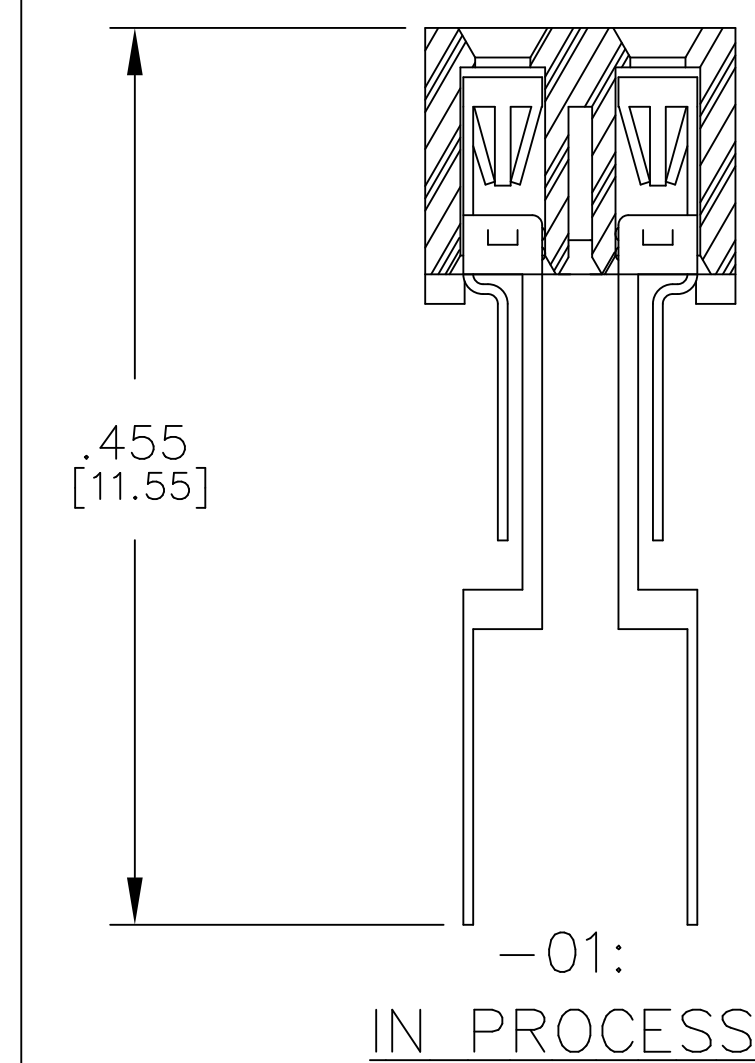
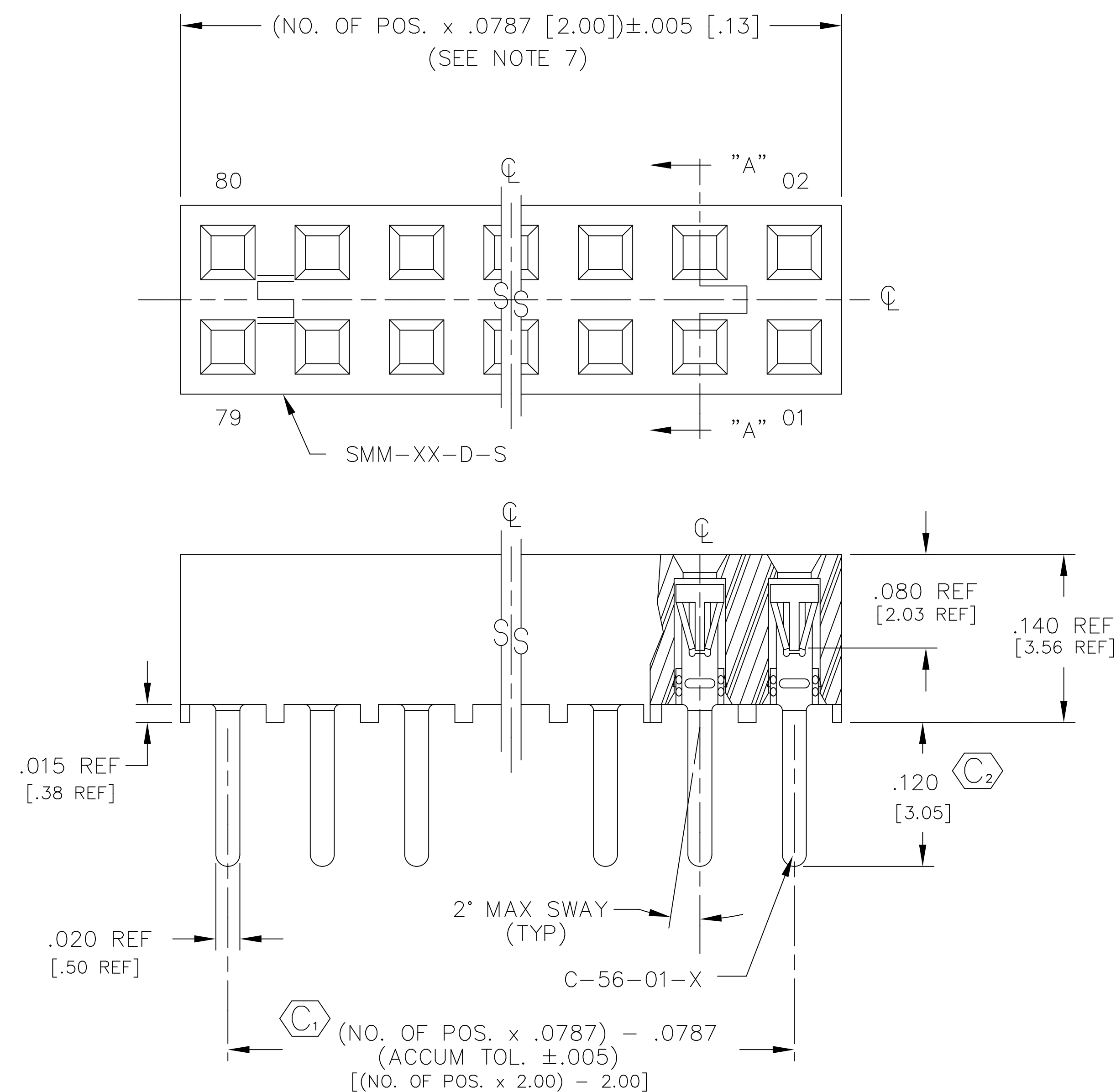


DO NOT SCALE
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-01: THROUGH HOLE



- 1.) RETENTION FORCE IN BODY TO BE: 1 lbs. MIN
- 2.) INSERTION FORCE TO BE: 3.0 oz. MAX.
- 3.) WITHDRAWAL FORCE TO BE: 0.5 oz. MIN.
- 4.)  REPRESENTS CRITICAL DIMS. FOR STATISTICAL PROCESS CONTROL.
- 5.) [] DIMS ARE IN METRIC AND ARE NOT CONTROLLING DIMS.
- 6.) "-LC" OPTION FOR A 02 POSITION WILL HAVE ONLY ONE LOCKING CLIP (LC-05-T).
- 7.) "END WALLS" AFTER CUTTING SHOULD BE .017±.005.
- 8.) FOR -01 LEAD STYLE, LAYER PACKAGE POSITIONS -01 THRU -04.
- 9.) FOR -02 LEAD STYLE WITHOUT PICK & PLACE PAD, LAYER PACKAGE POSITION -02 ONLY.
- 10.) -02 THRU -05 POSITION WITH -K OR -P TO BE PACKAGED IN -TR ONLY. -06 THRU -40 POSITION AVAILABLE IN TUBE OR -TR PACKAGING.
- 11.) .010" MAX CUT FLASH.
- 12.) NO FLASH ALLOWED IN SOCKET OR EXTENDING BELOW LEADS.
- 13.) 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.
- 14.) INSULATOR MATERIAL: BLACK, LCP, UL 94 V0

UNLESS OTHERWISE NOTED			TITLE: 2 mm SOCKET STRIP	DWG NO: SMM-1XX-XX-XX-D-XX-XX-X-XX
DIMENSIONS ARE IN INCHES		TOLERANCES ARE:		
ONE PLACE DECIMALS: $\pm .1$	THREE PLACE DECIMALS: $\pm .005$	ANGLES $\pm 1^\circ$		SHEET 1 OF 2
TWO PLACE DECIMALS: $\pm .01$	FOUR PLACE DECIMALS: $\pm .0020$			

SMM-1XX-XX-XX-D-XX-XX-X-XX

NO. OF POS. PER ROW
THROUGH HOLE: -01 THRU -40
SURFACE MOUNT: -02 THRU -40

LEAD STYLE

-01: THROUGH HOLE
(C-56-01-X)
-02: SURFACE MOUN
(C-56-02-X)

PLATING OPTION

-S: SELECTIVE, 30 Au / 50 Ni NICKEL, ON CONTACT,
MATTE TIN TAIL

-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT,
MATTE TIN TAIL

-H: HEAVY GOLD, 30 Au / 50 Ni MIN ON CONTACT,
3 Au / 50 Ni MIN ON TAIL

-SM: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT,
MATTE TIN TAIL

-FM: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT,
MATTE TIN TAIL

-L: LIGHT SELECTIVE, 10 Au / 50 Ni MIN ON CONTACT,
MATTE TIN TAIL

ROW OPTION —
-D: DOUBLE ROW
(USE SMM-XX-D-S)

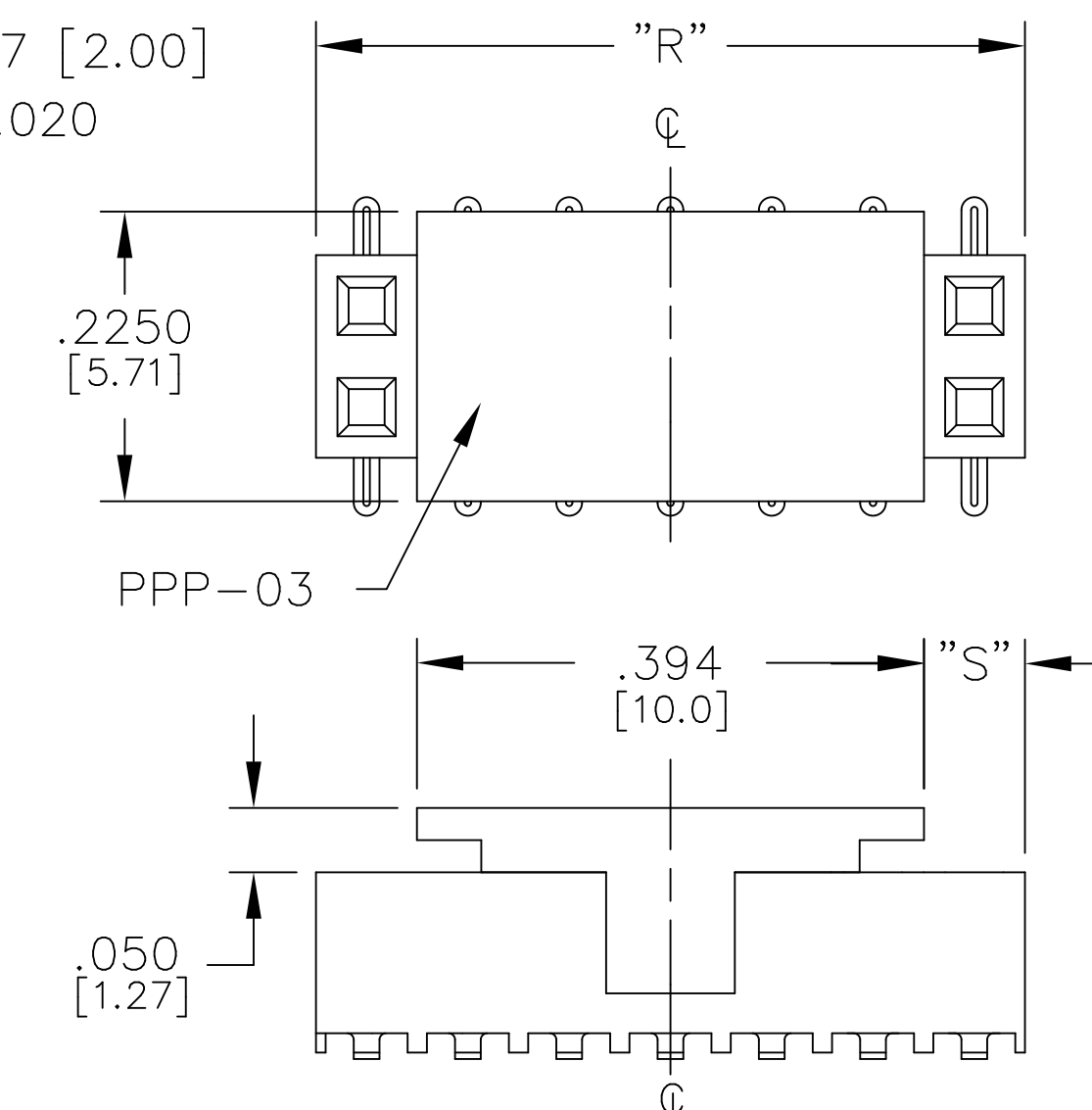
— OPTION
TAPE & REEL
MAX. POSITIONS AVAILABLE:
27 VERTICAL/ 28 HORIZONTAL
(SEE SHEET 2)

OPTION 2

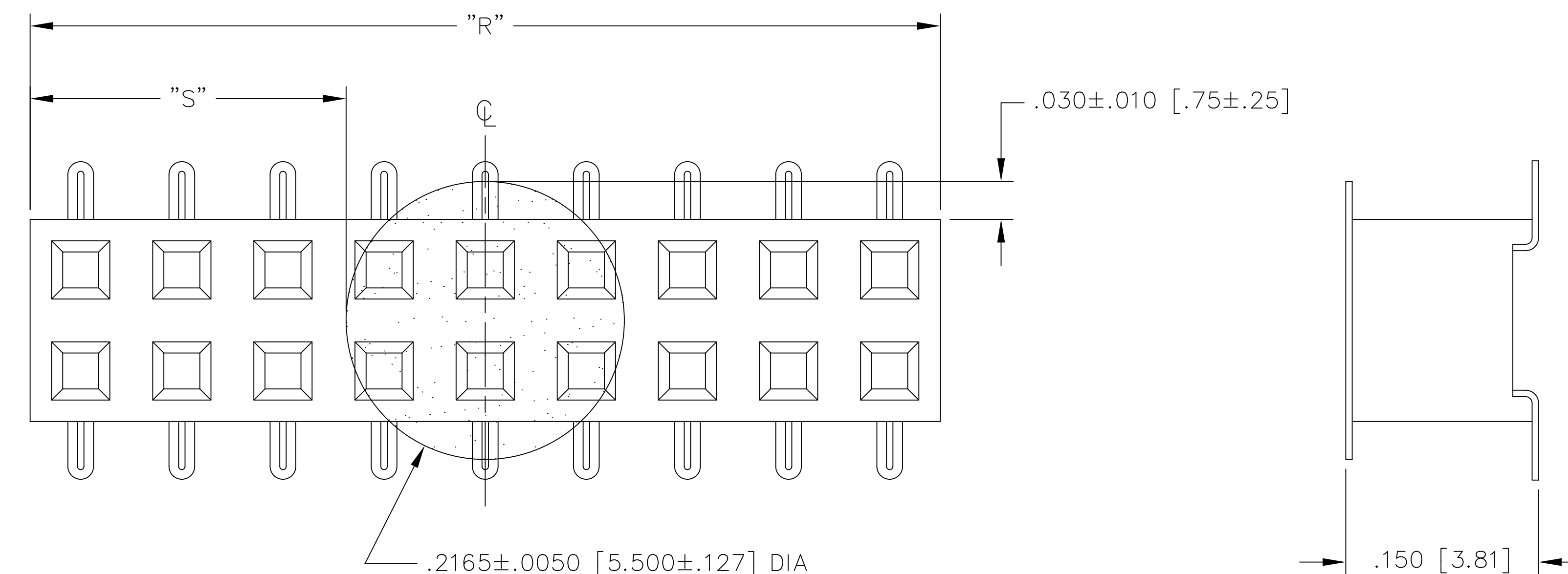
-P: PICK AND PLACE
PAD (USE PPP-03)(SEE FIG 3)
-K: POLYAMIDE FILM PAD (USE K-500-300)
(.005 [.13] THICKNESS WITH SILICONE
ADHESIVE, SEE FIG 4)
[2 POS MIN, SEE NOTE 10]
(AVAILABLE ON LEAD STYLE -02 ONLY)

- OPTION 1
-LC: LOCKING CLIP (USE 2 LC-05-TM)
[AVAILABLE ONLY WITH LEAD STYLE -02,
SEE * DIMS, SEE NOTE 6 & 13, SEE FIG 2]

—POLARIZING OPTION
INDICATE POSITION
(USE PK-07-N)

$$S = \{("R" - 394) / 2\} + 0.20$$


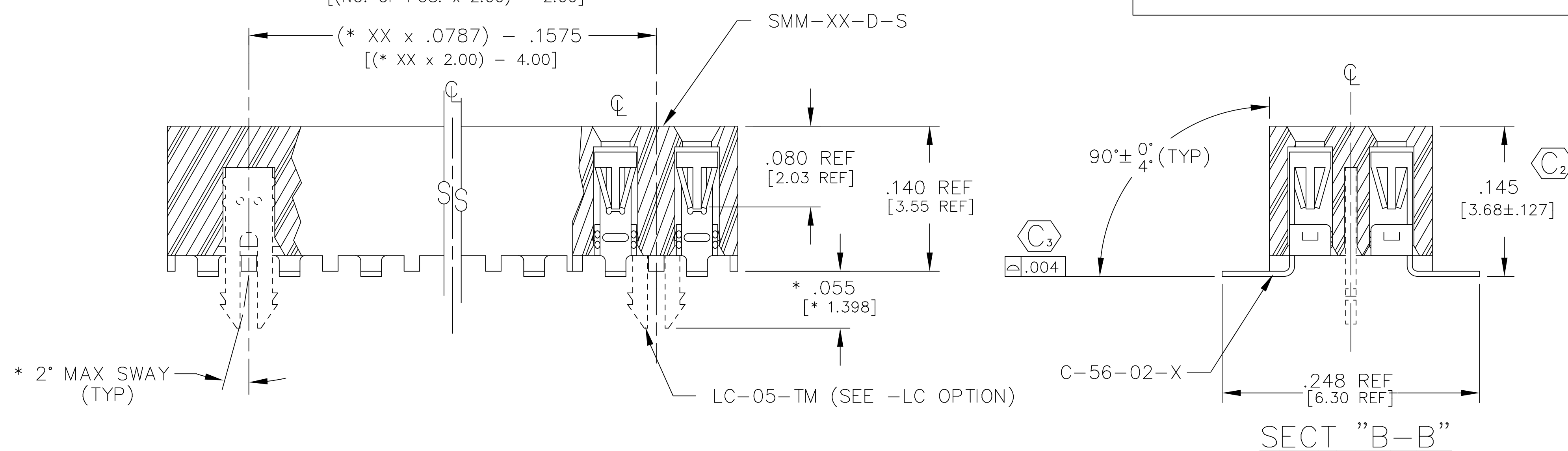
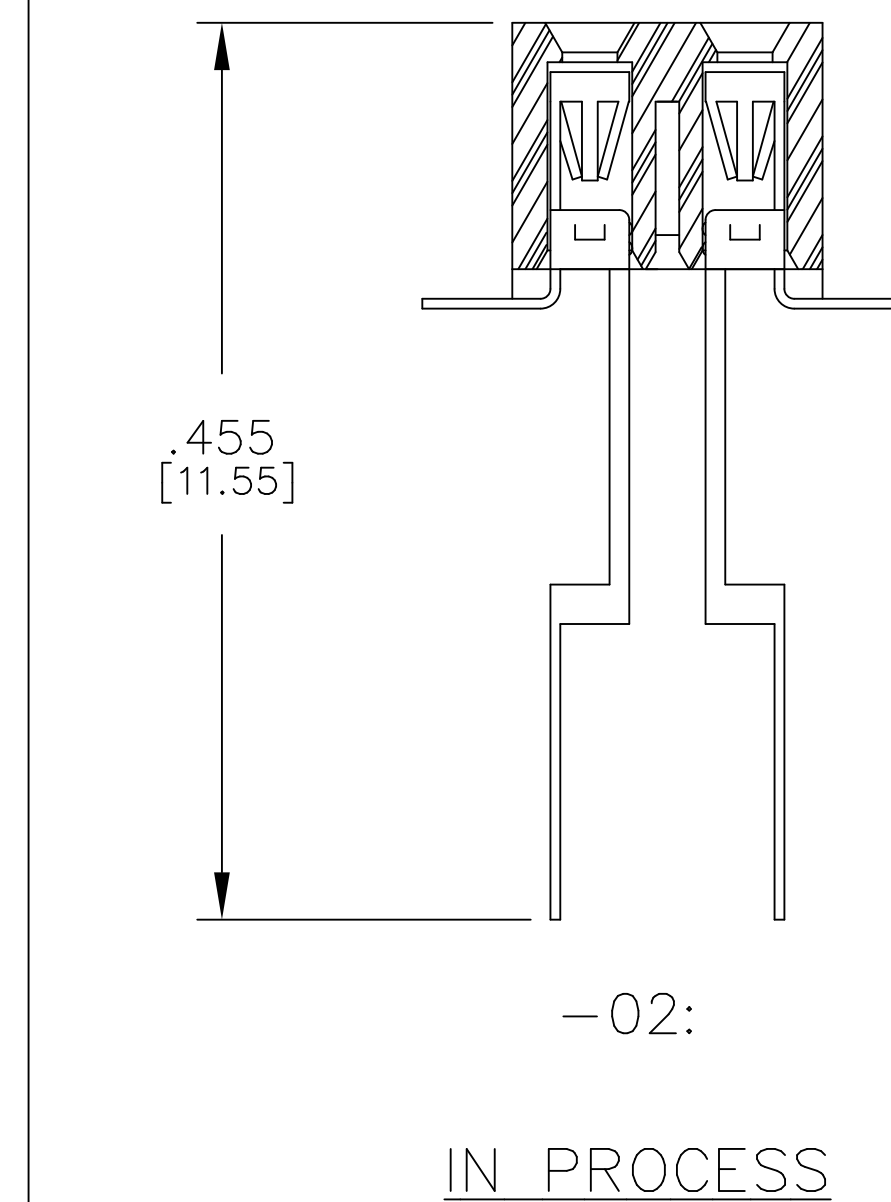
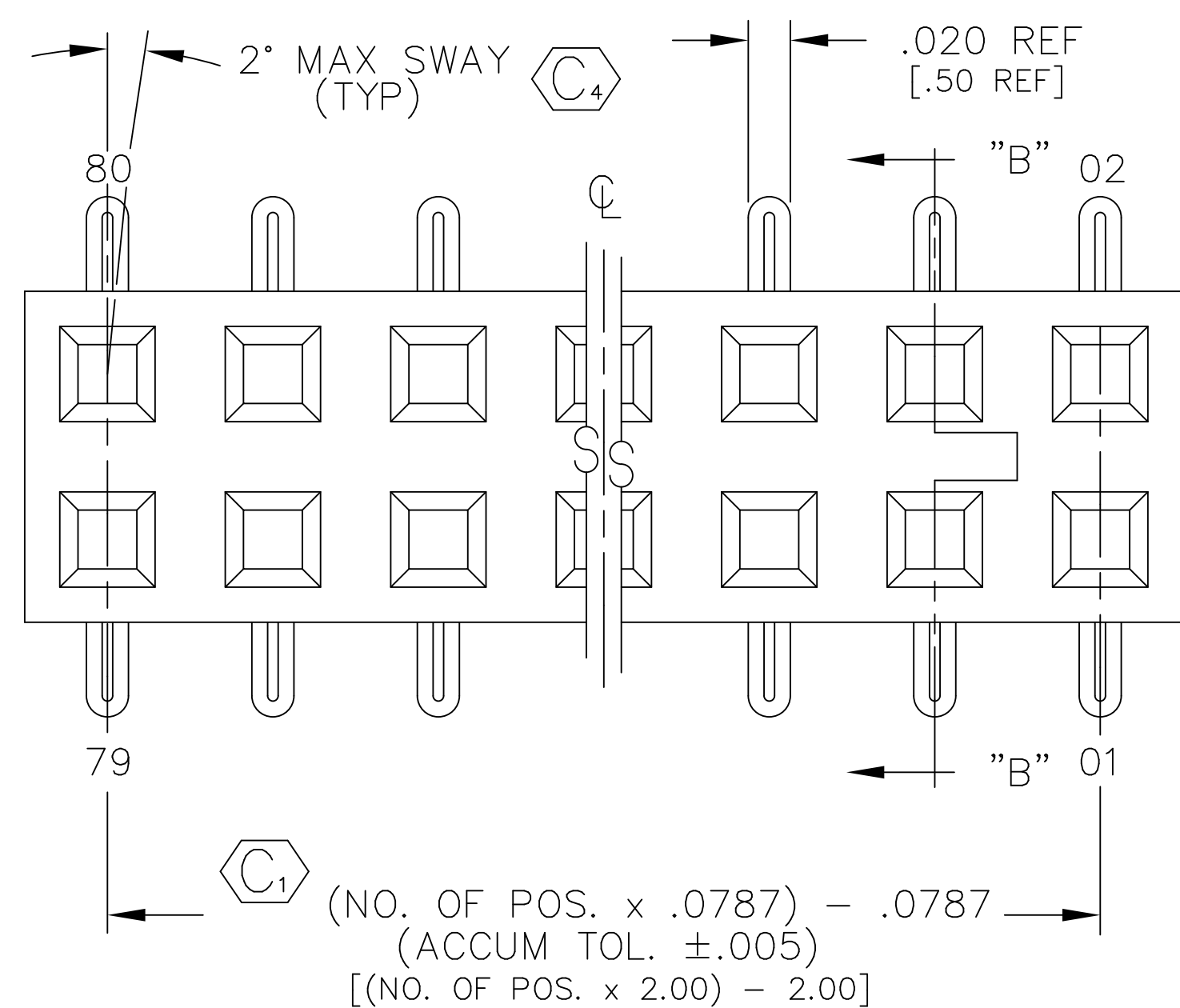
-P: PICK AND PLACE PAD
(PLACE PPP-03 ABOUT C.L. AS SHOWN)
(SEE NOTE 10)



NOTE: "R" = USED MEASURED DIMENSION (REF)
 "S" = $\{("R" - .2165 [5.50]) / 2\} \pm .020 [.51]$

—K: POLYAMIDE FILM PAD
[2 POSITION MINIMUM, SEE NOTE 10]

–02: SURFACE MOUNT



SECT "B-B"