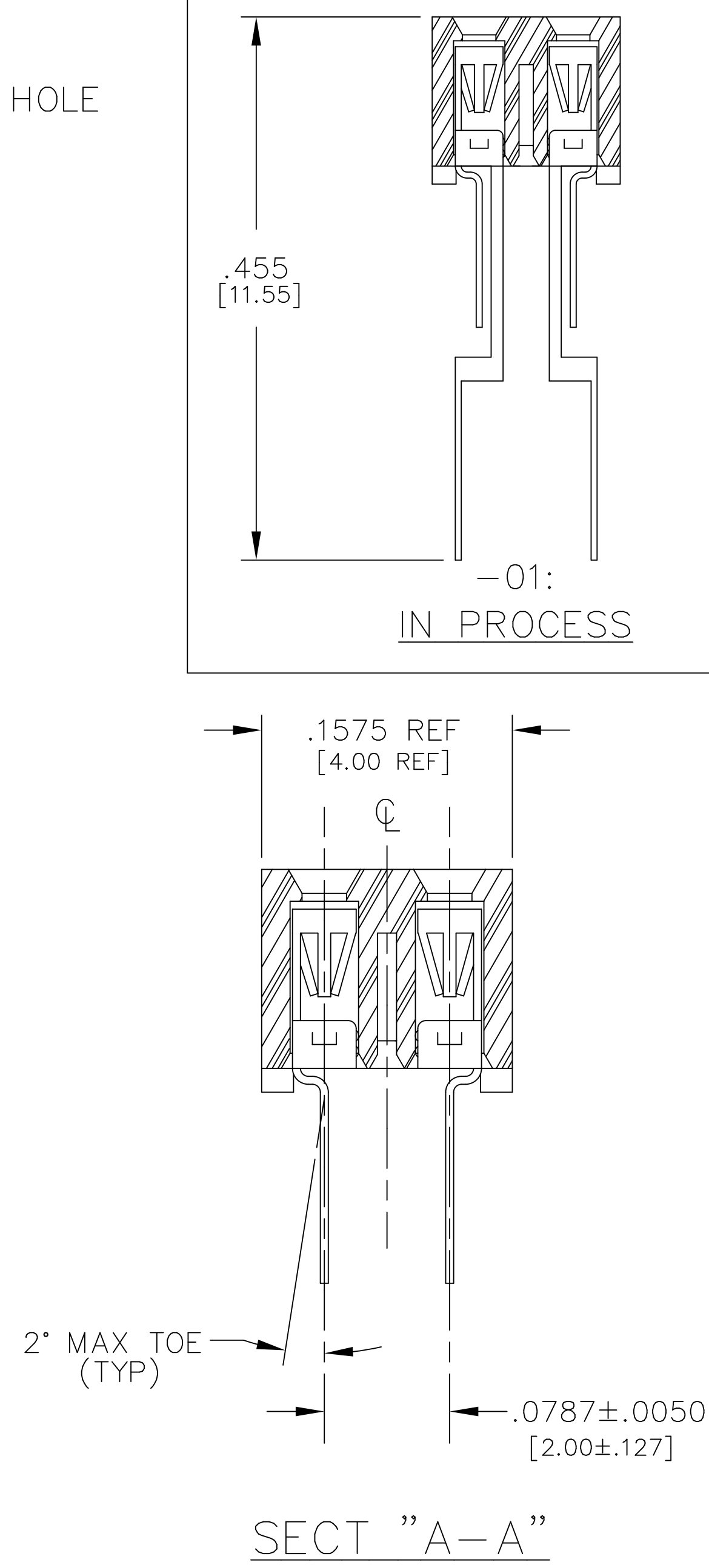


DO NOT SCALE
FROM THIS PRINT

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OTHER THAN THAT FOR WHICH IT WAS
OBTAINED WITHOUT THE EXPRESSED
WRITTEN CONSENT OF SAMTEC INC.

-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-05-7T).
- 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 VO

SMM-XX-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 MOUNT
(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

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)

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

2
E MOUNT

.455
[11.55]

-02:
IN PROCESS

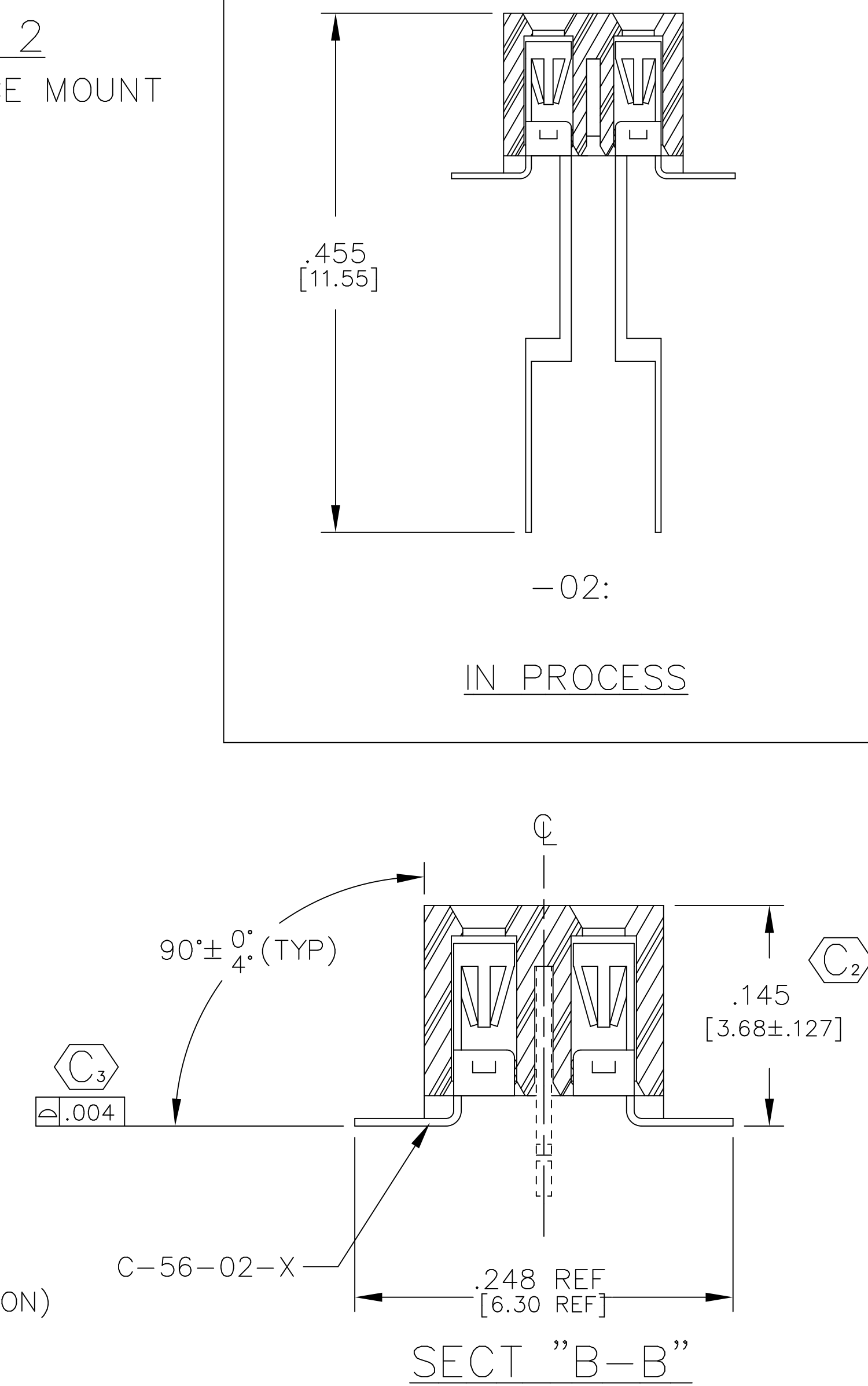


FIG. 4
-K: POLYAMIDE FILM PAD
[2 POSITION MINIMUM, SEE NOTE 10]

EXPROD\ASSEMBLY\2MM SMM-1XX-XX-X-D-XX-X-X-XX-ASM	
samtec 520 PARK EAST BLVD. NEW ALBANY, INDIANA 47150 PHONE (812) 944-6733 P.O. BOX 1147 CODE 55322	
MADE BY: KOLB 5-21-91	ENGINEER APPROVAL DEM SMM-1XX-XX-XX-D-XX-XX-X-XX SHEET 1 OF 2