

REVISION AW

DO NOT SCALE
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FIG. 1

-01: THROUGH HOLE

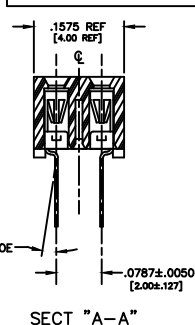
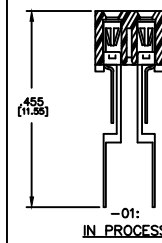
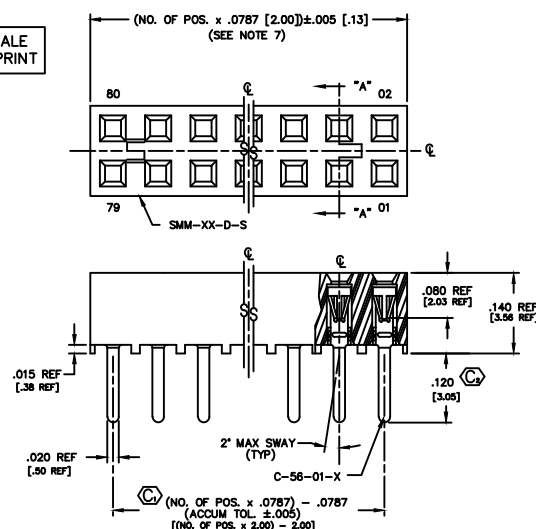
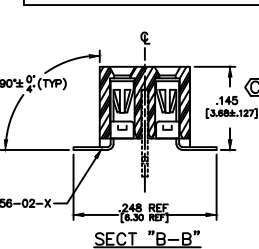
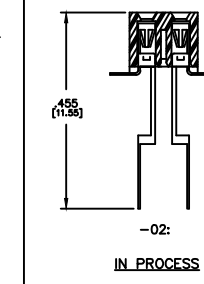
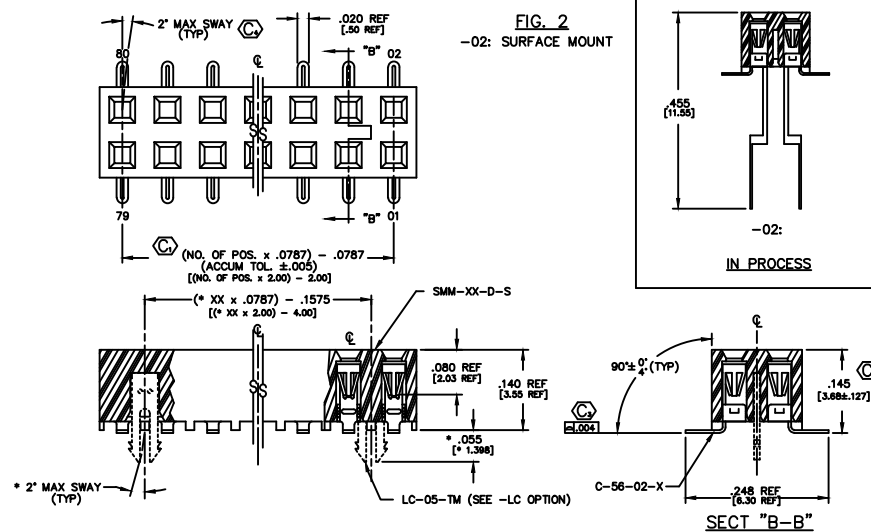


FIG. 2

-02: SURFACE MOUNT



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

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

NOTES:

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

NO. OF POS. PER ROW
THROUGH HOLE: -01 THRU -40
SURFACE MOUNT: -02 THRU -40LEAD STYLE
-01: THROUGH HOLE
(C-56-01-X)
-02: SURFACE MOUNT
(C-56-02-X)

PLATING OPTION
-S: SELECTIVE, 30 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-F: FLASH SELECTIVE, 3 Au / 50 Ni MIN ON CONTACT, MATTE TIN TAIL
-H: HEAVY GOLD, 50 Au / 50 Ni MIN ON CONTACT, MATTE TIN 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 / 38 HORIZONTAL
(SEE SHEET 2)

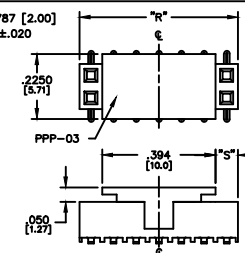
OPTION 2
-P: PICK AND PLACE
PAD (USE PPP-03) (SEE FIG 3)
-K: POLYIMIDE FILM PAD
(USE K-001-017-313-005)
(.005 [1.13] THICKNESS, SEE FIG 4)
(2 POS MIN, SEE NOTE 10)
(AVAILABLE ON LEAD STYLE -02 ONLY)

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

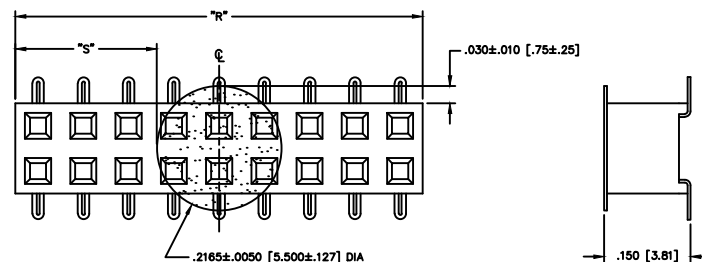
OPTION 1
-LC: LOCKING CLIP (USE 2 LC-05-TM)
(AVAILABLE ONLY WITH LEAD STYLE -02,
SEE ± DIMS, SEE NOTE 6 & 13, SEE FIG 2)

$$R = \text{No OF POS} \times .0787 [2.00]$$

$$S = \{ (R - .394) / 2 \} \pm .020$$

FIG. 3
-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 } ± .020 [.51]

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

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