

REVISIONS AR

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FIG. 1

-01: THROUGH HOLE

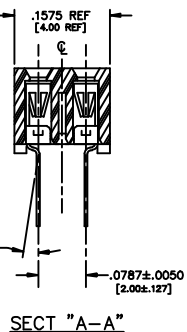
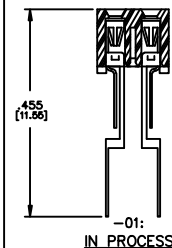
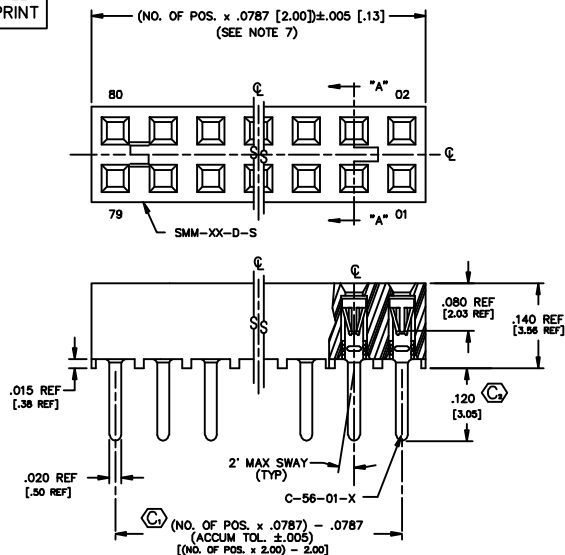
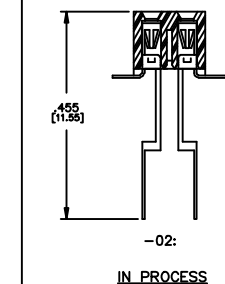
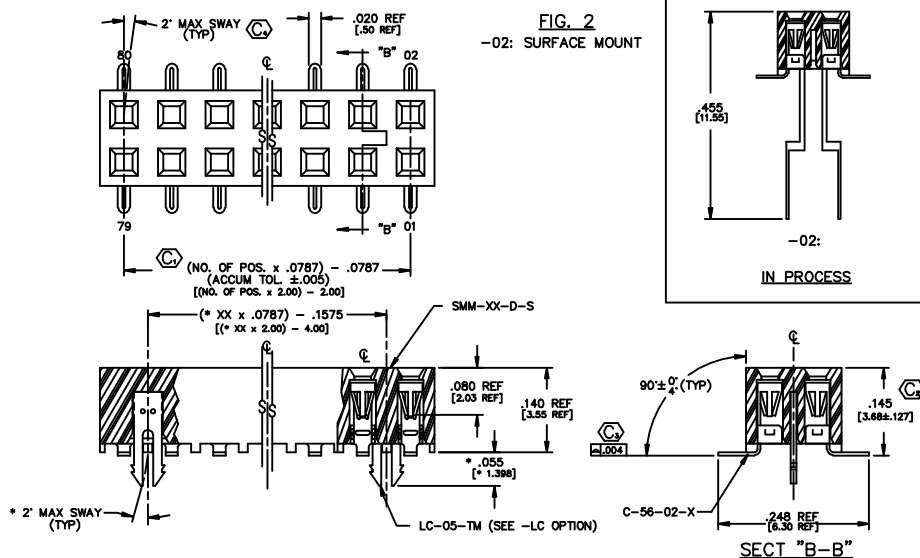


FIG. 2

-02: SURFACE MOUNT



-02: IN PROCESS

NOTES:

- RETENTION FORCE IN BODY TO BE: 1 lb. 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-T).
- "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

[AR]

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

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 MOUNT (C-56-02-X)
- [AR] 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, 50 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-900-300) (.006 [1.3] 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)

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

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

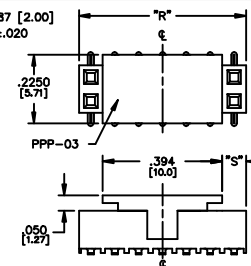


FIG. 3

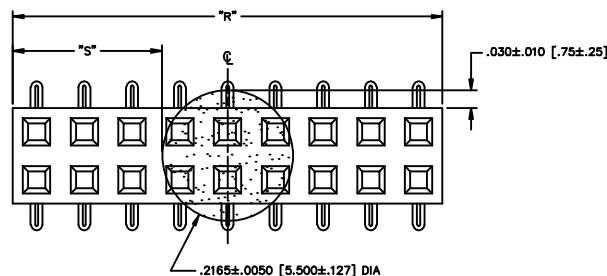
-P: PICK AND PLACE PAD
(PLACE PPP-03 ABOUT C.L. AS SHOWN)
(SEE NOTE 10)

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

FIG. 4

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

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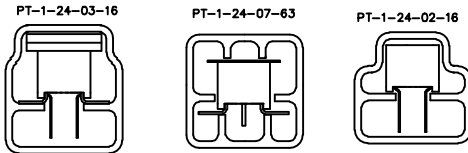
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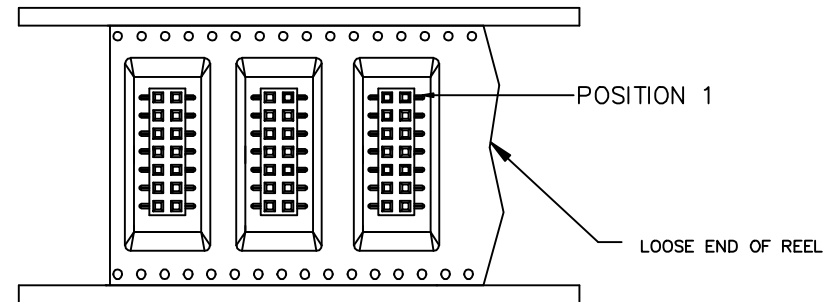
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SHEET 1 OF 2

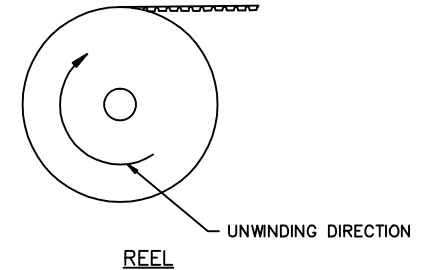
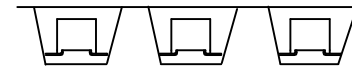
PACKAGE PARTS IN TUBES AS SHOWN



LEAD STYLE	OPTIONS	POS PER ROW	TUBE	PLUG
-01	NONE, -LC (SEE NOTE B)	05 THRU 40	PT-1-24-02-16	TP-24
-02	NONE (SEE NOTE 9)	02 THRU 40	PT-1-24-02-16	TP-24
-02	-K, -LC, -K-LC	02 THRU 40	PT-1-24-07-63	TP-24
-02	-P, -P-LC	02 THRU 04	PT-1-24-01-55	TP-24
-01, -02	-P, -P-LC	05 THRU 40	PT-1-24-03-16	TP-03

TAPE & REEL
FIG. 7

UNWINDING DIRECTION →
PARTS TO COME OFF REEL AS SHOWN
WITH POCKETS FACING UP



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

EXPRESS ASSEMBLY SAM
SAM-1XX-XX-XX-D-XX-XX-XX-XX-XX-XX

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SHEET 2 OF 2