

DO NOT SCALE FROM THIS PRINT

UNLESS OTHERWISE NOTED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 ONE PLACE DECIMALS: ± .1  
 TWO PLACE DECIMALS: ± .01  
 THREE PLACE DECIMALS: ± .005  
 FOUR PLACE DECIMALS: ± .0020  
 ANGLES  
 ± 5°

TITLE: RECEPTACLE SURFACE MOUNT (DOUBLE ROW)  
 DWG NO: RSM-1XX-XX-XXX-D-XX  
 SHEET 1 OF 2

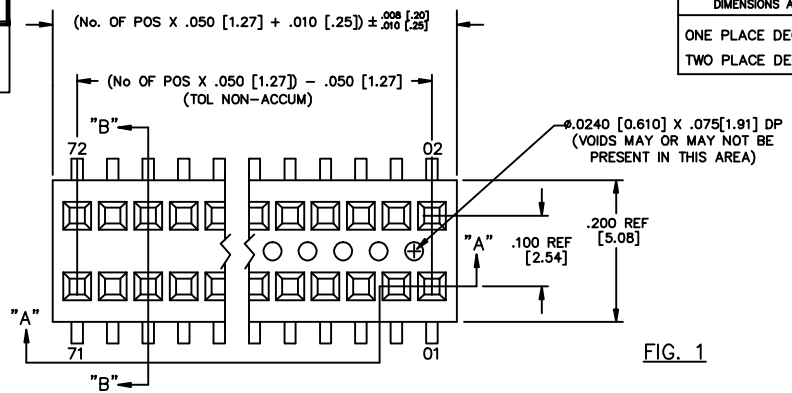
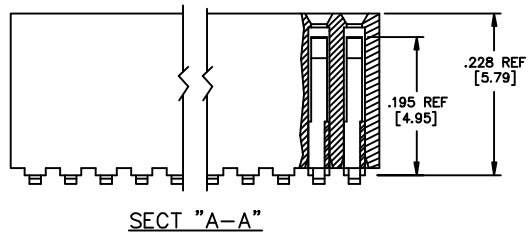
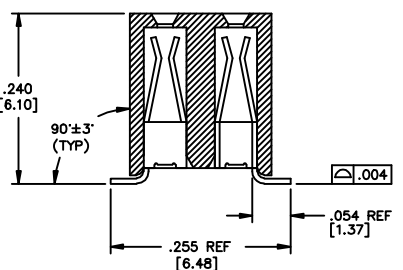


FIG. 1

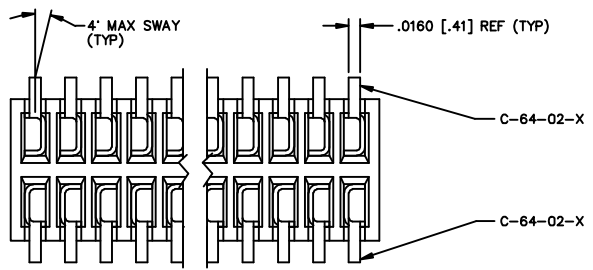


SECT "A-A"

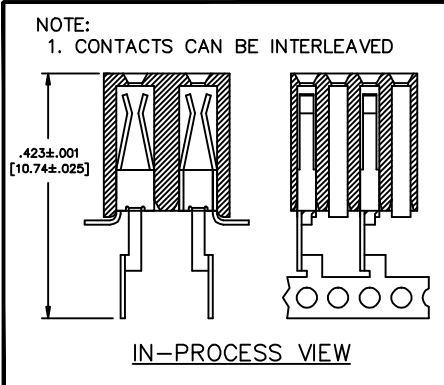


SECT "B-B"

- RSM-1XX-XX-XXX-D-XX
- BODY LENGTH SPECIFICATION**  
-02 THRU -40 POSITIONS
  - LEAD STYLE**  
-02: C-64-02-X
  - PLATING SPECIFICATIONS**
    - S: SELECTIVE GOLD (USE C-64-02-S-X)
    - P: FLASHED GOLD PALLADIUM NICKEL (USE C-64-02-P-X)
    - F: FLASH GOLD (USE C-64-02-F-X)
    - L: LIGHT SELECTIVE GOLD (USE C-64-02-L-X)
    - T: TIN (USE C-64-02-T-X)
    - STL: SELECTIVE TIN LEAD (USE C-64-02-STL-X)
    - H: HEAVY GOLD (USE C-64-02-H-X)
    - TM: MATTE TIN (USE C-64-02-T-X)
    - SM: HEAVY SELECTIVE GOLD, MATTE TIN TAIL (USE C-64-02-S-X)
    - LM: LIGHT SELECTIVE GOLD, MATTE TIN TAIL (USE C-64-02-L-X)
    - FM: FLASH SELECTIVE GOLD, MATTE TIN TAIL (USE C-64-02-F-X)
  - OPTIONS**
    - LC: LOCKING CLIP (USE LC-05-TM)(SEE FIG 2, SHT 2)(SEE NOTE 4)
    - P: PICK AND PLACE PAD (AVAILABLE ON POS. 5 THRU 40 ONLY) (USE MPP-02)(SEE FIG 3, SHT 2)
    - K: POLYIMIDE FILM PAD (AVAILABLE ON POS. 5 THRU 40 ONLY) (.005 [.13] THICKNESS WITH SILICONE ADHESIVE)(SEE FIG 4, SHT 2) (USE K-500-300)
    - TR: TAPE & REEL
  - BODY SPECIFICATION**
    - D: DOUBLE ROW (USE RSM-XX-D)



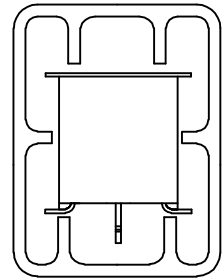
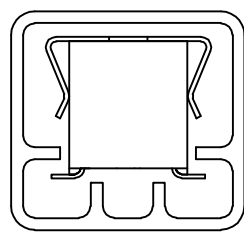
1. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP; CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
2. Ⓢ REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM RETENTION FORCE: 1.0 LB.
4. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.



PACKAGING

- NOTES:
1. 1<sup>st</sup> POSITION TO BE LOADED IN TUBE IN THE DIRECTION OF THE ARROW.
  2. LAYER PACKAGE POSITIONS 2-4, TUBE PACKAGE POSITIONS 5-36
  3. ENDWALLS TO BE .020±.003"

TABLE 1		
OPTION	TUBE	PLUG
-K, -LC, -K-LC	PT-1-24-04-64	TP-03
NONE, -P, -P-LC	PT-1-24-05-38	TP-09



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MADE BY: GREG REIDINGER 11-24-92

RSM-1XX-XX-XXX-D-XX  
 SHEET 1 OF 2