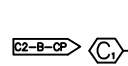
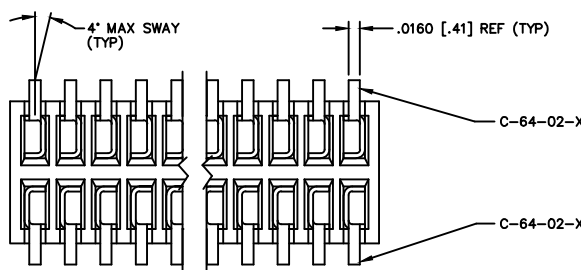
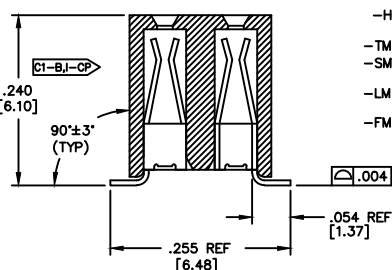
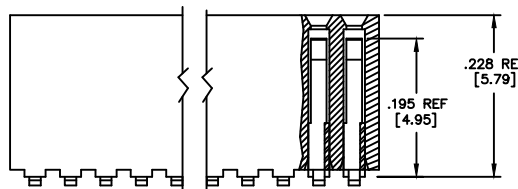
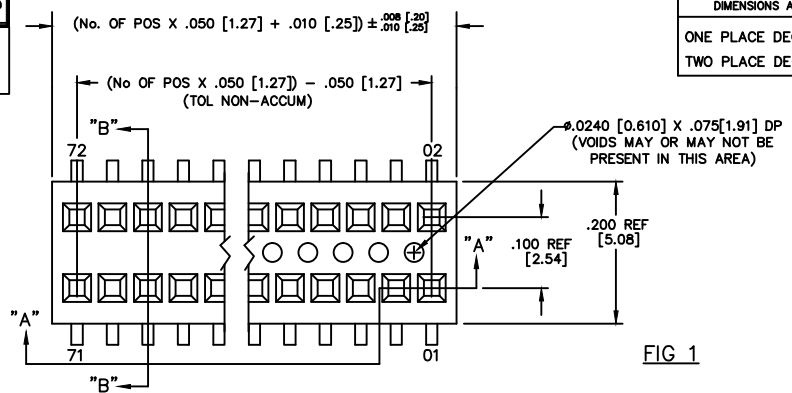


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DIMENSIONS ARE IN INCHES		UNLESS OTHERWISE NOTED	TOLERANCES ARE:
ONE PLACE DECIMALS: ± .1	THREE PLACE DECIMALS: ± .005	ANGLES	± 5°
TWO PLACE DECIMALS: ± .01	FOUR PLACE DECIMALS: ± .0020		

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

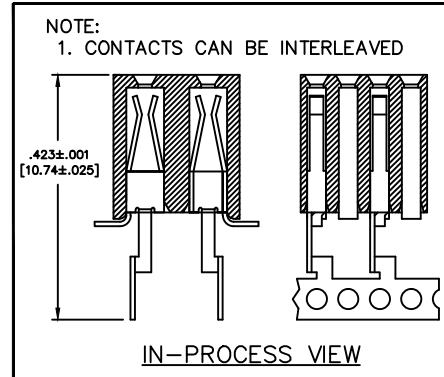


1. WILL LOSE A POSITION FOR EVERY CUT MADE ON A SOCKET STRIP; CUT FLASH TO BE .010 [.25] MAX WITH NO FLASH ALLOWED IN HOLES OR EXTENDING BELOW LEADS.
2. C1 REPRESENTS A CRITICAL DIMENSION.
3. MINIMUM RETENTION FORCE: 1.0 LB.
4. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
5. INSULATOR MATERIAL: LCP, UL 94 VO

- RSM-1XX-XX-XXX-D-XX
- BODY LENGTH SPECIFICATION**  
-02 THRU -40 POSITIONS
- LEAD STYLE**  
-02: C-64-02-X
- PLATING SPECIFICATIONS**
- S: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - F: 3 FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - T: MATTE TIN CONTACT AND TAIL
  - STL: 30μ" SELECTIVE GOLD IN CONTACT AREA TIN/LEAD (90%/10 +/-5%) TAIL
  - H: 30μ" HEAVY GOLD IN CONTACT AREA 3 ON TAIL
  - TM: MATTE TIN CONTACT AND TAIL
  - SM: 30μ" SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL
  - FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA MATTE TIN ON TAIL

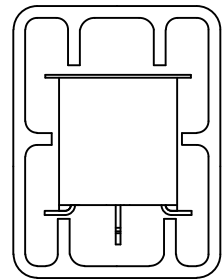
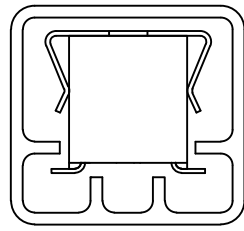
- OPTIONS**
- LC: LOCKING CLIP (USE LC-05-TM)(SEE FIG 2, SHT 2)(SEE NOTE 4)
  - P: PICK AND PLACE PAD (AVAILABLE ON POS. 5 THRU 40 ONLY) (USE LMP-02)(SEE FIG 3, SHT 2)
  - K: POLYAMIDE FILM PAD (AVAILABLE ON POS. 5 THRU 40 ONLY) (.005 [.13] THICKNESS WITH SILICONE ADHESIVE)(SEE FIG 4, SHT 2) (USE K-500-300)
  - TR: TAPE & REEL
- BODY SPECIFICATION**
- D: DOUBLE ROW (USE RSM-XX-D)

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTION
BREAK CARRIER	C1
ROTARY CUT	C2



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"



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

EXISPROD\ASSEMBLY\050 RSM-DASM

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MADE BY: GREG REIDINGER 11-24-92

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

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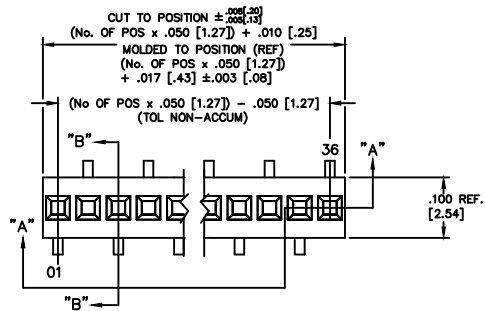
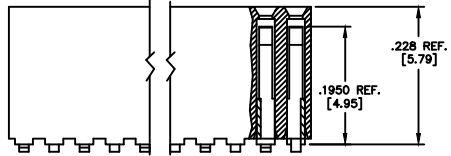
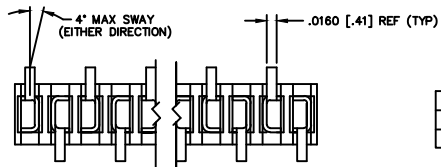


FIG. 1

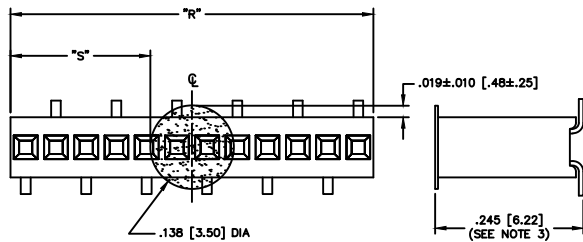


SECT: "A-A"



SECT: "B-B"

CRITICAL DIMENSION INSPECTION TABLE	
ASSEMBLY OPERATION	IN-PROCESS INSPECTOR
BREAK CARRIER	C1



"R" = USE MEASURED DIMENSION (REF)  
 "S" =  $\{("R" - .138 [3.50]) / 2\} \pm .020 [0.51]$

FIG. 3

-K: POLYAMIDE FILM PAD  
 AVAILABLE ON POS 7 - 36 ONLY

PROPRIETARY NOTE  
 THE CONTENTS OF THIS DOCUMENT ARE UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE. THIS DOCUMENT IS UNCLASSIFIED DATE 08-08-2010 BY 60322 UCBAW/SJS/STP

RSM-1XX-XX-XXX-S-X

UNLESS OTHERWISE NOTED TOLERANCES ARE:

ONE PLACE DECIMALS: ±.1	THREE PLACE DECIMALS: ±.005	ANGLES: ±5°
TWO PLACE DECIMALS: ±.01	FOUR PLACE DECIMALS: ±.0020	

OPTION: PICK AND PLACE PAD (USE PPP-20) (SEE FIG. 2) (AVAILABLE ON POS. 6 THRU 36 ONLY)

OPTION: POLYAMIDE FILM PAD (AVAILABLE ON POS. 7 THRU 36 ONLY) (.005 [0.13] THICKNESS WITH SILICONE ADHESIVE) (SEE FIG. 3) (USE K-500-300)

OPTION: TAPE AND REEL

PLATING SPECIFICATIONS

- S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- T: MATTE TIN CONTACT AND TAIL
- STL: 30μ" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10+/-5%) TAIL
- TM: MATTE TIN CONTACT AND TAIL
- SM: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- LM: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
- FM: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL

LEAD STYLE: -02: C-64-02-X

AD: .004

62-E-06

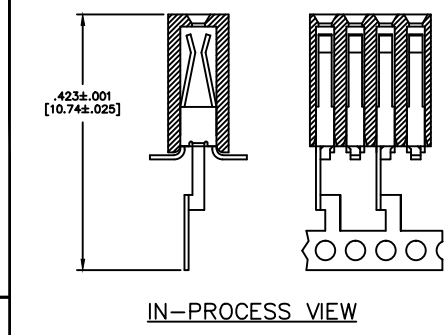
TITLE: RECEPTACLE SURFACE MOUNT (SINGLE ROW)

DWG NO: RSM-1XX-XX-XXX-S-X

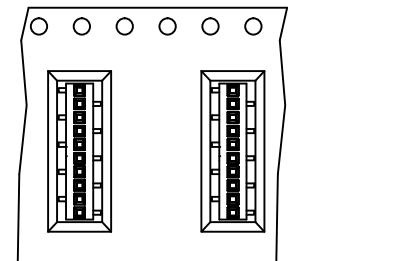
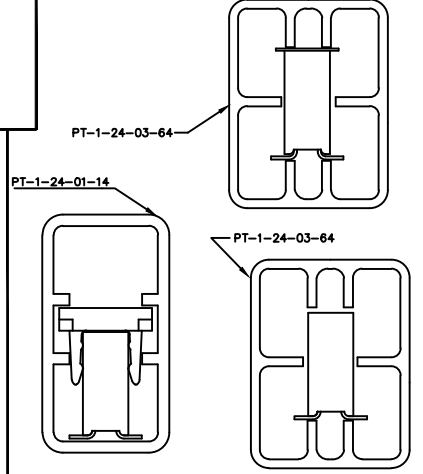
SHEET 1 OF 1

- NOTES:
- PIN ONE TO BE IN DIRECTION OF ARROW ON TUBE
  - FOR ODD POSITIONS, LOSE ONE PIN PER CUT FOR EVEN POSITIONS, LOSE TWO PINS PER CUT
  - MEASURED AT BEND RADIUS
  - MINIMUM RETENTION: 1.0 LB.
  - CUT FLASH TO BE .010" MAX WITH NO FLASH ALLOW IN HOLES OR EXTENDING BELOW LEADS.
  - CONTACTS NOT TO BE INTERLEAVED.
  - Ⓢ REPRESENTS A CRITICAL DIMENSION.
  - INSULATOR MATERIAL: BLACK, LCP, UL 94 V0

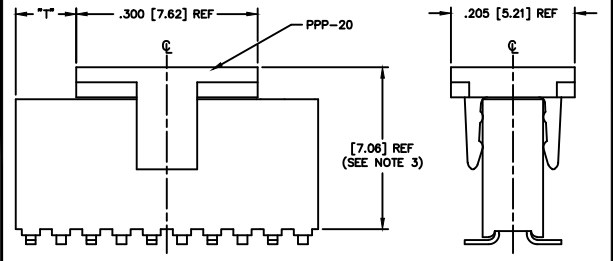
OPTION	TUBE	PLUG
-P	PT-1-24-01-14	TP-03
-	PT-1-24-03-64	TP-24
-K	PT-1-24-03-64	TP-24



IN-PROCESS VIEW



USER DIRECTION OF UNREELING  
 POCKET NOT DETAILED  
 FIG. 4  
 -TR: TAPE AND REEL



"R" = USE MEASURED DIMENSION (REF)  
 "T" =  $\{("R" - .300) / 2\} \pm .020$   
 FIG. 2  
 -P: PICK AND PLACE PAD  
 AVAILABLE ON POS 6 - 36 ONLY

RSM-1XX-XX-XXX-S-X-MKT

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