

## PRODUCT CHANGE NOTICE

PCN Form (D4-E000-73)

PCN#19-092 **NOTIFICATION DATE: October 15, 2019** 

### **MODEL(S) AFFECTED:**

SIM and KSX Series (See attached list for specific models)

### **EXTENT OF CHANGE:**

Change to recommended PL customer layout drawing

### **EFFECT OF CHANGE:**

- No change to device **FIT** (dimensions), **FORM** (appearance), or **FUNCTION** (performance)
- Change to layout to reduce the amount of ground solder under the device
- Refer to PL drawing linked to the part datasheet

### **REASON FOR CHANGE:**

Customers reported insufficient ground solder appearance during Pick and Place. This resulted from excess exposed ground pads 'sucking' solder under the device. Revised PL drawing realigns the ground areas for optimal joint formation

### **EFFECTIVE DATE OF CHANGE:**

Immediate

## **ATTACHMENTS:**

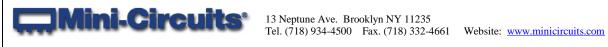
List of models PL Drawings

**QUESTIONS?** 

PLEASE CONTACT US.

10/30/19: PCN updated to include PL Drawings

Refer to Procedure: D3-E040



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# Attachment to PCN#19-092

List of Affected Models			
KSX2-14+	SIM-133-1+	SIM-43-1+	SIM-72H-1+
KSX2-14-2+	SIM-14+	SIM-43-2+	SIM-73L+
KSX2-14-3+	SIM-14-2+	SIM-43-3+	SIM-762H+
KSX2-24+	SIM-14H+	SIM-43H+	SIM-762H-7D+
KSX2-24-1+	SIM-14H-4+	SIM-43LH+	SIM-762H-7U+
KSX2-24-2+	SIM-14LH+	SIM-43LHL-1+	SIM-792LH+
KSX2-24-3+	SIM-14LH-1+	SIM-43MH+	SIM-83+
KSX2-24-4+	SIM-153+	SIM-43MH-1+	SIM-83LH+
KSX2-442+	SIM-153LH+	SIM-43MH-2+	SIM-83LH-1+
KSX2-442-2+	SIM-153LHL-1+	SIM-43MH-3+	SIM-852MH+
KSX2-442-3+	SIM-153MH+	SIM-63LH+	SIM-852MH-1+
KSX2-442-4+	SIM-193H+	SIM-63LH-2+	SIM-U432H+
KSX2-442-5+	SIM-193H-2+	SIM-63LH-3+	SIM-U432H-1+
KSX2-722+	SIM-24MH+	SIM-63MH-2+	SIM-U63+
KSX2-722-1+	SIM-24MH-5+	SIM-722MH+	SIM-U712H+
KSX2-722-2+	SIM-43+	SIM-722MH-1+	SIM-U742MH+

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## **PL Drawings**

# **Before** pl-239 rev A .040, 2 PL. .015 15X Ø.013 PTH FOR GROUND PACKAGE .093 OUTLINE .022 3X PIN 1 .044 TRACE WIDTH, 3 PL. (SEE NOTE BELOW) NOTES: TRACE WIDTH IS SHOWN FOR ROGERS RO4350B WITH DIELECTRIC THICKNESS .020" ± .0015"; COPPER: 1/2 OZ. EACH SIDE. FOR OTHER MATERIALS TRACE WIDTH MAY NEED TO BE MODIFIED. 2. BOTTOM SIDE OF THE PCB IS CONTINUOUS GROUND PLANE. DENOTES PCB COPPER LAYOUT WITH SMOBC (SOLDER MASK OVER BARE COPPER) DENOTES COPPER LAND PATTERN FREE OF SOLDER MASK

