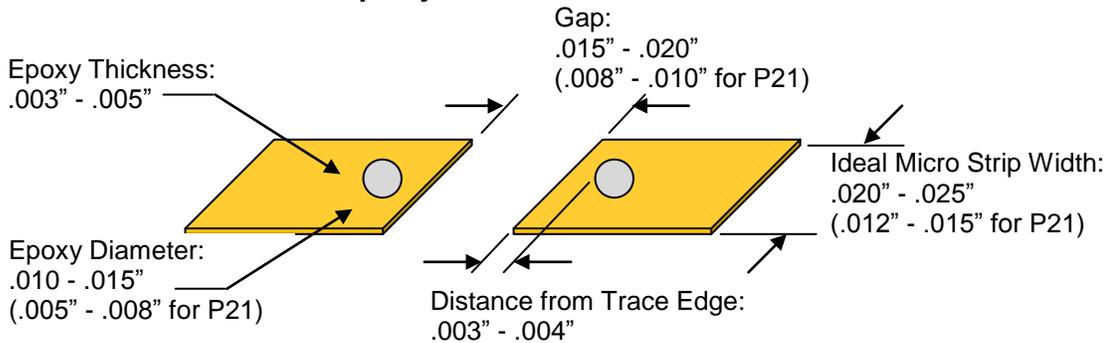




• **Recommended Attachment to Soft or Hard Substrate Using Conductive Epoxy:**

➤ **Recommended Micro Strip Layout:**



➤ **Attachment Method**

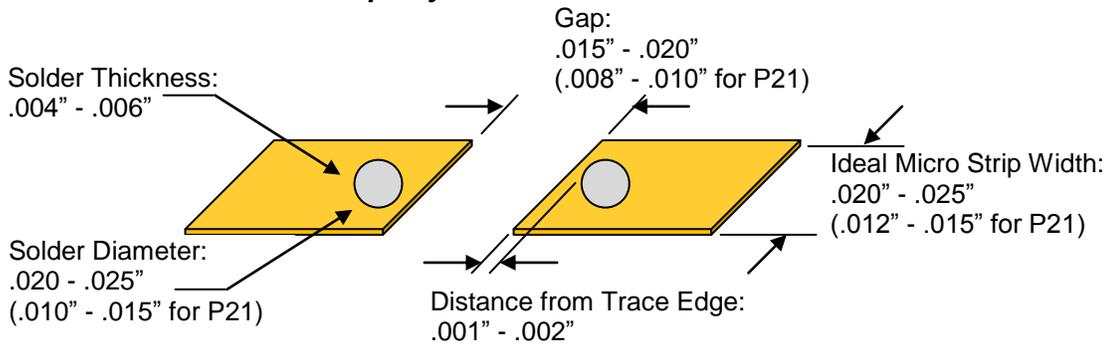
1. Place a single drop of conductive epoxy onto each micro-strip as illustrated; the edge of the epoxy shall be at least .003" - .004" back from the edge of the trace to prevent filling the gap with epoxy.
2. Centering the termination gap of the capacitor within the gap in the micro strip, press with careful, even pressure onto the micro strip ensuring the terminations make good contact with the epoxy drops.
3. Cure according to the epoxy manufacturer's preferred schedule
 - Typically 125°C to 150°C Max.
4. After curing, inspect joint for epoxy shorts across the termination and micro strip gaps that would cause a short across the cap.

Isopropanol, and Methanol are both safe to use to pre clean Milli-Caps[®]
They are not to be used after mounting with conductive epoxy as they act as a solvent!



Recommended Attachment Methods (Continued)

- **Recommended Attachment to Soft or Hard Substrate Using Solder:**
 - **Recommended Micro Strip Layout:**



➤ **Attachment Method**

1. Place a single drop of solder paste onto each micro-strip as illustrated; the edge of the epoxy shall be at least .001" - .002" back from the edge of the trace to prevent filling the gap with solder.
2. Centering the termination gap of the capacitor within the gap in the micro strip, press with careful, even pressure onto the micro strip ensuring the terminations make good contact with the drops of solder paste.
3. Reflow according to the solder manufacturer's preferred profile, ensuring the reflow temperature does not exceed 250°C.
4. After the reflow step is completed, inspect joint for voids or excess flux and non-reflowed solder balls that can degrade performance or cause shorts across the gaps. Proper cleaning after the reflow process is crucial to avoiding performance degradation and discovering poor solder joints.

Isopropanol, and Methanol are both safe to use with soldered Milli-Caps®.