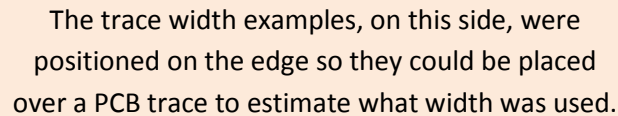


12 inch (~30.5cm)

Footprints of the eight most popular IC packages
(used by our manufacturers) including a few
extra... (i.e. SOT-23-5 and SC-70-5 also cover the
footprints for the 3-lead versions)

Diameter of 7-strand wire
per the company Alpha Wire.



Pitch examples.

Revision Date

A reminder that we offer support every hour of every day via phone, chat, or email.

The disclaimer; we aimed for perfect, but we have humans working here and there may be errors.

The heights of these examples were adjusted to be exactly as listed. The Stroke font thickness shown are calculated height/7 or /10, so 2mm/7 = 0.286mm thick & 2/10=0.2mm.

This ampacity chart shows the maximum current an external trace width (in millimeters) can pass and only raise its temperature by the listed value in centigrade.

As noted, for internal traces, multiply the trace width by 2.6 to carry the same amount of current

When calculating per IPC-2221(A), the copper thicknesses listed on the MIL side were used.

For Reference Only

5 ° For Internal: Multiply Traces x2.6
*Based on IPC-2221(A)

The hole examples for the metric screw are centered; the ruler should hang straight when hung.

PCB-RULER-ND: MIL Side

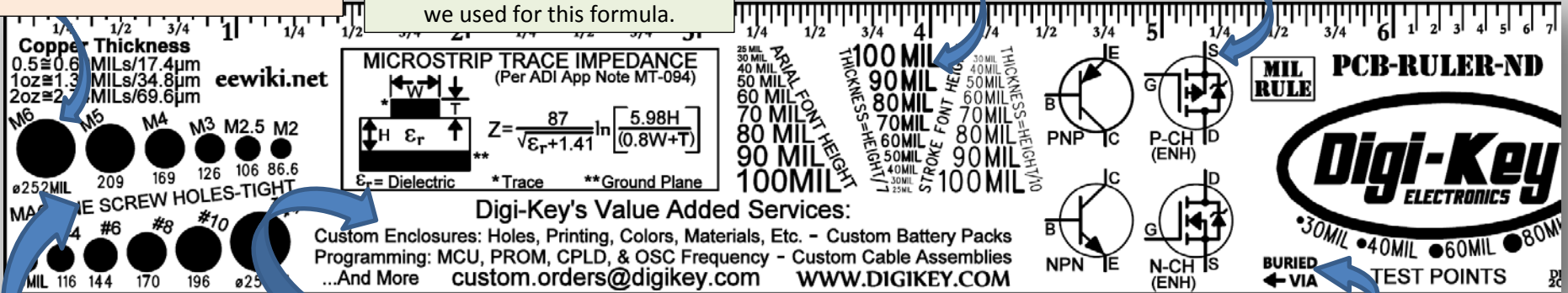
12 inch (~30.5cm)

(If a [1/4 inch magnet](#) is glued into the M6 hole, an alternative hanging method can be achieved.)

The link to the app note [MT-094](#) we used for this formula.

Same as above, in MILs

Transistor symbol references



Many customers use these services daily, however others have no idea we could help them with these services. Some not listed are custom: fan connections, heatsinks, transformers, power supplies, die-cutting of adhesives & thermal interface materials.

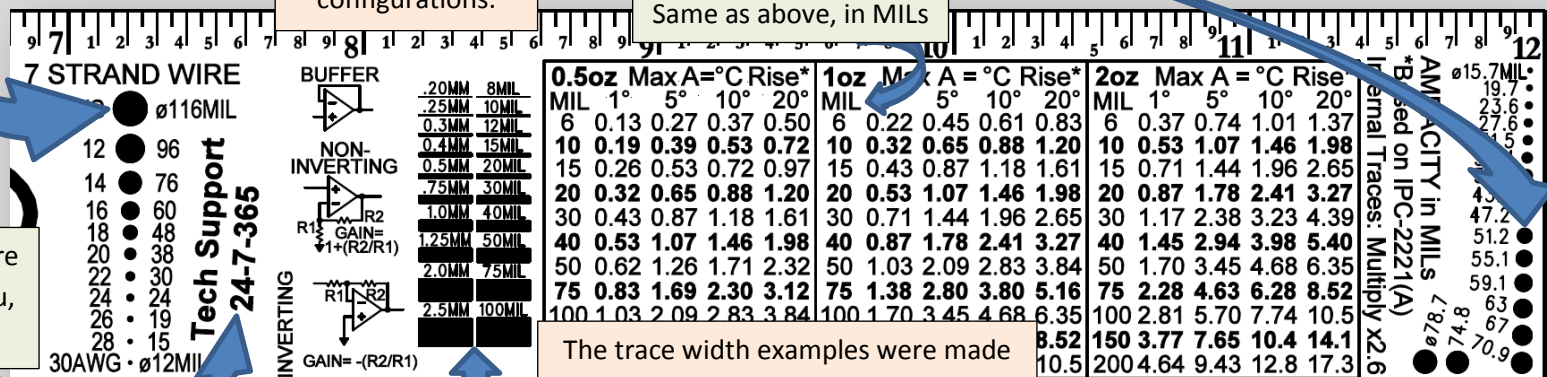
A bit of geek humor.

The hole examples on this side were made without annular rings for contrast.

Common op-amp configurations.

Same as above, in MILs

Again, we are here for you, always.



The trace width examples were made with both MIL & MM on both sides for ease of comparison between the two.