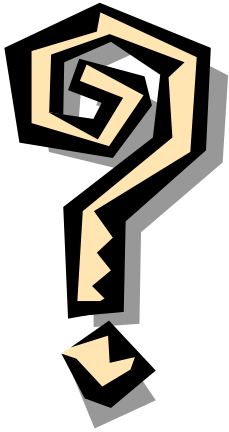


## Quiz



Can your PCB work buried in soil?

**A Hybrid can!**

Can your PCB work in humidity?

**A Hybrid can!**

Can your PCB work in water?

**A Hybrid can!**

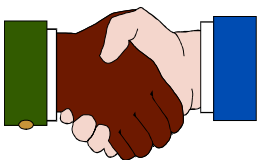
Can your PCB operate at 100°C?

**A Hybrid can!**

A Thick film hybrid can be used wherever a PCB can be used and in places where it cannot.

The hybrid's manufactured at Hybrid Electronics are specialised multi-layer printed microcircuits on ceramic and stainless steel substrates. Applications are endless and range from products as complex as missile computers to products as simple as smart fuses.

## Customer Needs



We are all a customer and we all have customers. Are your customers needs the same as your needs when you are a customer?

Generally speaking, the answer is yes. We all want value for money, delivery on time, quality products and customer service. At Hybrid Electronics, we also apply innovation to your products. We want your product to be the best it can be for you and your customers. In the final analysis, your success is our success.

## New Look Website

The frames are gone and the website is faster!

Why not try it out!

[www.hybrid-electronics.com](http://www.hybrid-electronics.com)

or

[www.hybridelectronics.com.au](http://www.hybridelectronics.com.au)

## Hybrid Technical Specifications

- \* **Ceramic substrates** are 96%  $Al_2O_3$ .
- \* Ceramic thickness can range from 0.4mm to 2mm.
- \* **Stainless Steel substrates** thickness currently range from 0.5mm to 3mm (can be greater).
- \* Maximum substrate size is 150mm x 114mm.
- \* Printed Conductors range from Pd/Ag, Pt/Ag, Au, Pt/Pd/Ag, and Ag.
- \* Conductors are printed in multilayers with a printed and fired Dielectric as an insulator.
- \* Printed Resistors range from fractional Ohms to Gig Ohms.
- \* Printed Resistor tolerance can be  $\geq \pm 0.1\%$  and  $TCR \geq 50ppm/^\circ C$ .
- \* Packaging Options: SIL, DIL and Special form.
- \* Protection includes overglaze, printed conformal coat, hermetically sealed, plastic and steel boxes.
- \* Stainless Steel can be a complete "bolt on" module.
- \* 100% testing of each hybrid circuit.
- \* **PLUS**, print materials for high stability thermistors, strain gauge resistors and capacitors.

*Please don't hesitate to email or give us a call on (03) 9729 2177. We have the ability to create innovative solutions in microelectronics.*