



INNOVATION NEWSLETTER

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So, you want to use a hybrid but don't know which hybrid is right for you?

A: Ceramic Hybrid

B: Stainless Steel Hybrid

C: Titanium Hybrid

Hybrid Electronics has the right type of hybrid to suit your needs. The application possibilities from Hybrid Electronics are enormous now that you can choose from Ceramic, a Stainless steel or a Titanium hybrid.

What makes each of these 3 hybrid options different is the function.

Hybrid Electronics will help you choose which hybrid is right for you!

All of the screen printing, firing, trimming and soldering processes carried out in the thick film hybrid microcircuit technology all apply to the Ceramic, Stainless steel and Titanium hybrids.

Different inks, but with the same purpose, are used on Stainless steel and Titanium hybrids to that used on Ceramic hybrids.

We have answered four questions we are asked regularly about Ceramic, Stainless steel and Titanium hybrids.

How do you get rid of unwanted heat? A Ceramic, Stainless steel and Titanium hybrid are great conductors of heat!

Can you make it smaller? A hybrid can be made up to half the size of a printed circuit board (PCB) on either ceramic, Stainless steel or Titanium!

Can you solve the attachment problem? Ceramic hybrids are typically mounted into printed circuit boards (PCB's) and then cased. Stainless steel and Titanium hybrids do not require this. The electronics can be processed onto the flat printed Stainless steel or Titanium to produce a complete circuit module which can be "bolted on". Stainless steel and Titanium hybrids can also be welded, bent and formed.

Do you have a sensor application for flow, pressure, weight or temperature? Stainless steel and Titanium can offer major benefits for sensor technology. Titanium, being more flexible and stronger offers the highest performance flow and strain sensors available.

Did we answer your question? If not, ask us and we will!

If you would like more information on thick film hybrids please call +61 3 9729 2177 or visit www.hybrid-electronics.com.

Hybrid Electronics has the right hybrid for your needs!