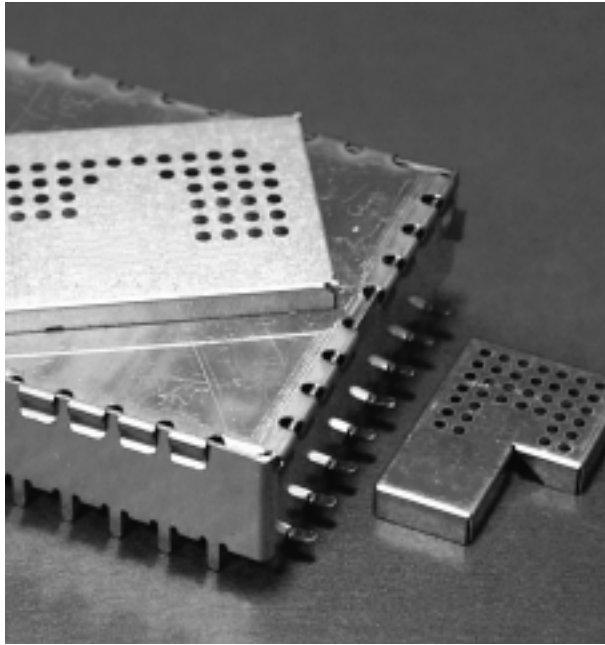


## 1900 Series PC Board Screening Cans



The 1900 Series PC board screening cans are used to provide isolation of board level components. There are various types of can and many factors such as application, size, volume, assembly technique, accessibility of components etc will indicate the best can suited to a particular application.

Photo etched cans can be supplied flat for self folding with etched fold lines or ready folded, they can have solid tops or removable fingered lids for component access. Photo etching is a very flexible manufacturing process offering low tool charges of normally no more than a few hundred pounds with a very quick turn round.

Stamped and pressed cans can be supplied in the same format as photo etched (not self fold) but tooling is considerably more expensive and can be tens of thousands of pounds, but the stamping process offers high volume capability with low unit costs. All types of cans can be supplied to suit through hole or surface mount assembly. Internal dividers can be added to most designs. Ventilation and access holes can be incorporated in both lids and fences. Smaller cans can be supplied tape and reeled for automated assembly.

Various types of material are available but the application should be considered when choosing product. Low frequency applications such as transformers, coils etc should use a high permeability material such as steel or nickel irons. High frequency applications such as microprocessors, fast switching devices, switched mode power supplies should use non-ferrous materials such as phosphor bronze, beryllium copper etc. Plating finishes can be tin, nickel, tin/lead to facilitate soldering into place.

### **Ordering information:**

As cans are custom designed please contact our sales department. The information we need will be a drawing or specification giving overall dimensions, type of material, plating, through hole/surface mount configurations, quantity, packaging and any special requirements.