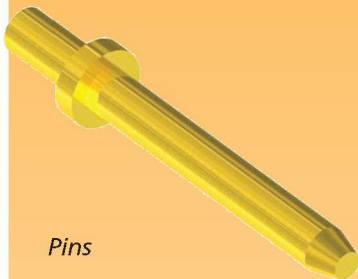


# CAMBION®

A UE Company



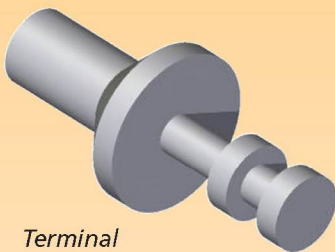
Sockets



Pins



Polygon Pins



Terminal



Shorting Links

## Non Magnetic Interconnect Products

Cambion Electronics Ltd the designer and manufacturer of interconnect components and assemblies based in Castleton, Derbyshire will be launching its newly developed range of non-magnetic products at the forthcoming Electronica exhibition in Munich Germany. The range perfectly complements Cambion Electronics Limited existing product portfolio of industry favourites by retaining all the beneficial characteristics of the standard equivalents.

In line with Cambion Electronics Limited product development strategy, the non-magnetic range has gone through extensive R&D. Contrary to popular belief, the normal free machining grades of Brass are slightly magnetic, as they can contain traces of Iron and Nickel in their composition, rendering them unsuitable for sensitive applications, such as MRI (Magnetic Resonance Imaging) Scanners & Mine Detection Equipment. By careful control of raw material and plating selection and using the latest Magnetoscope technology magnetic permeability is tightly monitored ensuring the customer has absolute confidence.

**Sockets** – A range of discrete sockets available in many mounting styles such as soldered, press fit, crimp, surface mount and stackable. Available to accept mating pin Dia. Ø0.41-2.06mm. The internal contact forms an hourglass shape with compound curvature that makes contact with 60% of the circumference of the mated pin, ensuring no discontinuity particularly adept in high vibration applications.

**Pins** – Precision engineered to be compatible with loose piece sockets and thereby provide positive and lasting electrical connections with low contact resistance. Pin diameters are held to  $\pm 0.002$  (0.05)

**Polygon Pin** – A range of machined pins allowing for press-fit termination to PCBs. Available with various stand-off heights.

**Terminal** – A wide range of slotted, forked and pin styles in a range of sizes to suit standard board thicknesses. All variations are available insulated or non-insulated with a choice of mounting method. Cambion also offers a comprehensive range of insertion tools to assist assembly.

**Shorting Links** - Also known as Jumpers / Handbags. Male Insulated and Non-insulated. Insulator Polypropylene and available in standard colours Red/Blue and Black but others available upon request. In the following Pitch – 2.54mm (0.100") to 12.7mm (0.500").

Should you be attending Electronica 2016 Munich - November 8-11 be sure to visit Cambion Electronics Limited in Hall B2 Booth 357. Alternatively send inquiries to [sales@cambion.com](mailto:sales@cambion.com) or view [www.cambion.com](http://www.cambion.com)

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