

Harwin plc  
Fitzherbert Road  
Farlington, Portsmouth  
Hampshire PO6 1RT  
United Kingdom

Reception: +44 (0)23 9231 4545  
Sales Desk: +44 (0)23 9237 0451  
Fax: +44 (0)23 9231 4590

Wednesday 3<sup>rd</sup> May, 2006

Dear Customer,

**Re: RoHS compliance for product range M20-999XXX.**

I can hereby confirm that the above product range is fully compliant to the RoHS legislation, otherwise known as the EC Directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS). The product range is constructed with the following:

**M20-999XX45 (XX = No. of contacts per row):**

- The connector moulding is Nylon 6T - this plastic is fully compliant, and is also resistant to the higher soldering temperatures evident in lead-free soldering processes.
- The contact is Brass – although this contains a trace percentage of lead, the legislation allows for up to 4% lead content within copper alloys.
- The contact plating is Gold over Nickel, and is therefore fully compliant.

**M20-999XX46 (XX = No. of contacts per row):**

- The connector moulding is Nylon 6T - this plastic is fully compliant, and is also resistant to the higher soldering temperatures evident in lead-free soldering processes.
- The contact is Brass – although this contains a trace percentage of lead, the legislation allows for up to 4% lead content within copper alloys.
- The contact plating is 100% Tin over Nickel, and is therefore fully compliant.

If you have any further questions regarding this letter, please do not hesitate to contact me.

Yours faithfully,



Miss Wendy Jane Bourne, BEng  
Product Engineer & RoHS Compliance Project Manager  
[leadfree@harwin.co.uk](mailto:leadfree@harwin.co.uk)