# COMPONENT SPECIFICATION

## Ø2.00mm P.C.B. SOCKETS

**FEBRUARY 2010**

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COMPONENT SPECIFICATION
Ø2.00mm P.C.B. SOCKETS

1. DESCRIPTION OF CONNECTOR AND INTENDED APPLICATION.
A range of sockets designed to interface components with Ø2.00mm pins to printed circuit boards, allowing a change of components when required.

2. MARKING OF THE CONNECTOR AND/OR PACKAGE (ORDER CODE).
The marking (order code) shall appear on the package and shall be of the following style:

```
H     XXXX   -   XX
```

Product Group
Connector Style
Contact Finish

For details of styles and finishes see the latest catalogue for more information.

3. RATINGS.

3.1. ELECTRICAL CHARACTERISTICS.
- Current per socket in isolation at an ambient temperature of 25°C ......................... 20A max
- Maximum contact resistance (initial) ........................................................................... 10 mΩ
- Maximum contact resistance (after conditioning) ....................................................... 25 mΩ

3.2. ENVIRONMENTAL CHARACTERISTICS.
- Environmental classification ......................................................................................... 55/125/21

3.3. MECHANICAL CHARACTERISTICS.
- Durability .................................................................................................................. 500 operations (Gold), 50 operations (Tin)
- Clip retention in body ............................................................................................... 18N min
  - Minimum retention force may be 18N from a sample of 10 sockets, providing the average of the samples is 27N.
- Maximum insertion force (Ø2.00mm pin) ................................................................. 6.0N
- Minimum withdrawal force (Ø2.00mm pin) ............................................................. 1.0N
- Range of mating plug diameter ............................................................................... Ø2.00–2.30mm

⚠️