

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

FEBRUARY 2010

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PREPARED BY: ..... *cpwore* .....APPROVED BY: ..... *CPM* .....

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01	----	21.11.00
02	7500	03.07.03
03	9089	15.03.06
04	10669	05.02.10

## COMPONENT SPECIFICATION

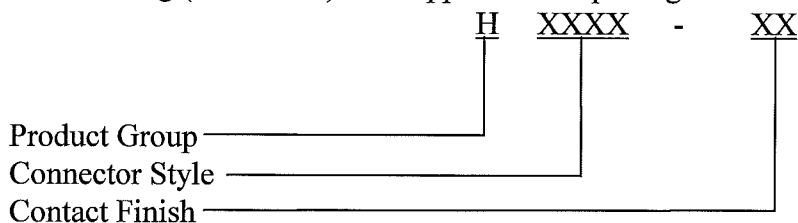
### Ø2.00mm P.C.B. SOCKETS

#### 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:



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
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##### 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

