



HARWIN

Component Specification

C03107

Ø2.00mm PCB Sockets
November 2022

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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. RATINGS

2.1. Electrical Characteristics

Current (per socket in isolation, 25°C ambient).....	20A max
Contact Resistance	
Initial.....	10mΩ max
After Conditioning.....	25mΩ max

2.2. Environmental Characteristics

Environmental classification	55/125/21
Operating Temperature Range	-55°C to +125°C

2.3. Mechanical Characteristics

Durability	500 operations (Gold), 50 operations (Tin)
Clip Retention in Body.....	18N min
<i>Minimum retention force may be 18N from a sample of 10 sockets, providing the average of the samples is 27N.</i>	
Insertion Force (Ø2.00mm pin).....	6.0N max
Withdrawal Force (Ø2.00mm pin).....	1.0N min
Range of Mating Plug Diameter.....	Ø2.00-2.30mm

