SPRING-LOADED CONNECTORS

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SERIES 854 & 855 • 1.27 GRID SOLDERCUP HEADER • SINGLE AND DOUBLE ROW STRIPS

- Modular contacts for use on 1.27 grid, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure up to 100,000 cycle life durability
- Pistons have a 0.7 mid. stroke and a 1.4 max. stroke
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- Insulators are high temperature thermoplastic
- Both 854 & 855 series strips have spring pins with wire termination soldercups. The soldercups are aligned to provide easy access for soldering up to size 26 AWG wires

ORDERING INFORMATION

Single Row Series 854

<table>
<thead>
<tr>
<th>Number of Contacts</th>
<th>Specification</th>
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</thead>
</table>
| 01-50              | 854-22-0XX-10-003101

Specify number of contacts 01-50

Double Row Series 855

<table>
<thead>
<tr>
<th>Number of Contacts</th>
<th>Specification</th>
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</table>
| 02-100             | 855-22-0XX-10-003101

Specify number of contacts 02-100

Technical Specifications

Materials:
- Contact piston & base: Machined copper alloy plated 0.51μm gold over 2.54μm nickel
- Spring: Beryllium copper-plated 0.25μm gold
- Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:
- Spring force @ initial height: 25 grams
- Spring force @ mid stroke (0.7): 60 grams
- Durability: Up to 100,000 cycles

Electrical:
- Voltage rating: 100Vrms/150Vdc
- Current rating: 2A (continuous), 3A (peak) per contact
- Contact resistance: 20mΩ max.
- Insulation resistance: 10,000MΩ min.
- Dielectric strength: 700Vrms min.
- Capacitance: 1pF max.

RoHS - 2
2011/65/EU