Series 854 & 855 • .050” Grid Soldercup Header • Single and Double Row Strips

- Modular contacts for use on .050” 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 .0275” mid. stroke and a .055” 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**

<table>
<thead>
<tr>
<th>Single Row Series 854</th>
<th>Double Row Series 855</th>
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</thead>
<tbody>
<tr>
<td>854-22-0XX-10-003101</td>
<td>855-22-0XX-10-003101</td>
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<td>Specify number of contacts 01-50</td>
<td>Specify number of contacts 02-100</td>
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**Technical Specifications**

**Materials:**
- Contact piston & base: Machined copper alloy plated 20μ” gold over 100μ” nickel
- Spring: Beryllium copper-plated 10μ” gold
- Insulator: High temperature thermoplastic, rated UL94 V-0

**Mechanical:**
- Spring force @ initial height: 25 grams
- Spring force @ mid stroke (.0275”): 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.