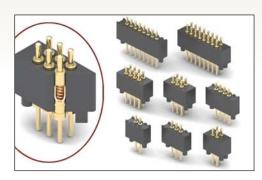
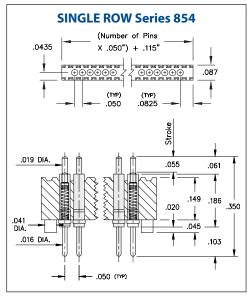
SPRING-LOADED CONNECTORS

SERIES 854 & 855 • .050" GRID THROUGH-HOLE MOUNT • SINGLE AND DOUBLE ROW STRIPS

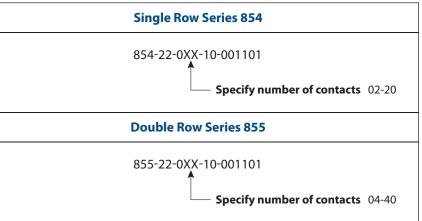




DOUBLE ROW Series 855 (Number of Pins 050 X .050''/2) + .115'.118 (TYP) (TYP) .0825 .050 Stroke .019 DIA .055 061 .149 186 .020 .350 .041 DIA. .045 1 .016 DIA. .103 .050 (TYP)

- Modular contacts for use on .050" grid, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure a 1,000,000 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
- High temperature thermoplastic insulators are suitable for wave and reflow processes
- Both 854 & 855 series contact strips are designed for manual placement into Ø .023±.003" plated through-holes in the circuit board prior to hand, wave or reflow soldering

ORDERING INFORMATION



Technical Specifications

Materials:

- Contact piston & base: Machined copper alloy plated $20\mu^{\prime\prime}$ gold over $100\mu^{\prime\prime}$ nickel
 - Spring: Beryllium copper-plated $10\mu''$ gold
 - Insulator: High temperature thermoplastic, rated UL94 V-0

Mechanical:

Spring force @ initial height: 25 grams Spring force @ mid stroke (.0275"): 60 grams Durability: 1,000,000 cycles

Electrical:

Voltage rating: 100Vrms/150Vdc Current rating: 2A (continous), 3A (peak) per contact Contact resistance: $20m\Omega$ max. Insulation resistance: $10,000M\Omega$ min. Dielectric strength: 700Vrms min. Capacitance: 1pF max.

RoHS-2

2011/65/EU

