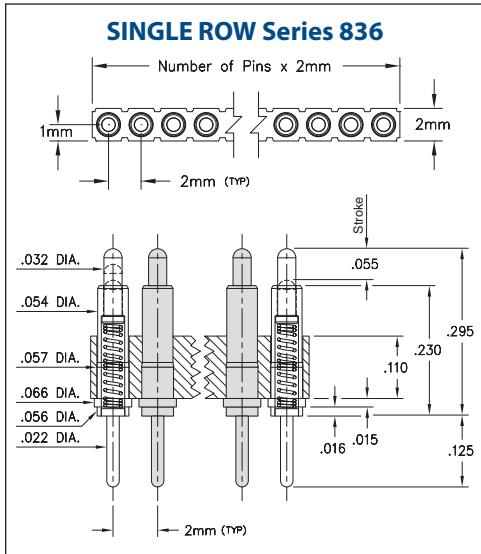


# SPRING-LOADED CONNECTORS

## SERIES 836 & 838 • 2MM GRID THROUGH-HOLE MOUNT • SINGLE AND DOUBLE ROW STRIPS



- Modular contacts for use on 2mm grid, supplied in single and double row contact strips
- Precision-machined piston / base and gold-plated components assure up to 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 836 & 838 series contact strips are designed for manual placement into Ø .030±.003" plated through-holes in the circuit board prior to soldering



## ORDERING INFORMATION

### Single Row Series 836

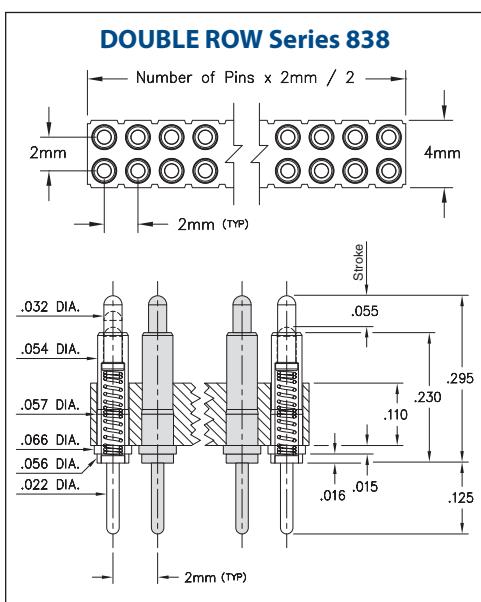
836-22-0XX-10-001101

Specify number of contacts 01-50

### Double Row Series 838

838-22-XXX-10-001101

Specify number of contacts 04-100



## Technical Specifications

### Materials:

Contact piston & base: Machined copper alloy plated 20 $\mu$ " gold over 100 $\mu$ " 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: Up to 1,000,000 cycles

### Electrical:

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



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