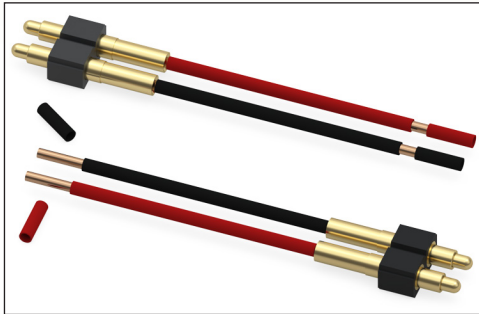


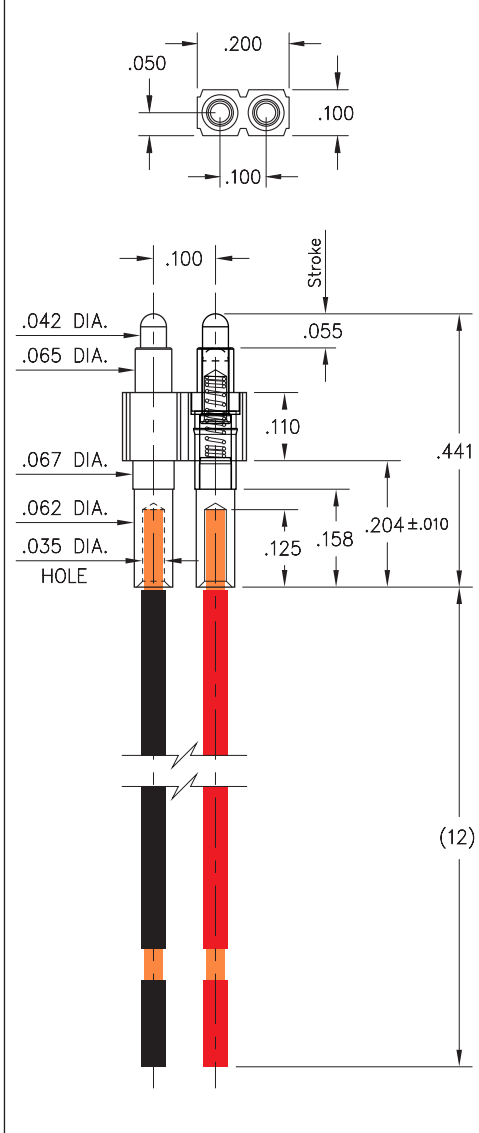
# SPRING-LOADED CONNECTORS

## SERIES 867 • .100" GRID WIRED CRIMP SPRING-LOADED CONNECTOR • SINGLE ROW STRIPS



- 867 series are spring loaded crimp connectors pre-wired with 24 AWG stranded conductors; one red, one black. The wire is per UL1007 with PVC insulation and 7/32 stranding. The ends are stripped to a length of .140" with slug on
- The connector design maintains the pins in the housing when pull force is applied to the wires
- 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
- Insulators are high temperature thermoplastic, pin spacing is .100"

**SINGLE ROW Series 867**



### ORDERING INFORMATION

#### Single Row Wired Crimp Series 867

867-22-002-70-501010

#### 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  
 Wire retention: 8 pounds minimum

##### 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.

RoHS - 2  
2011/65/EU

