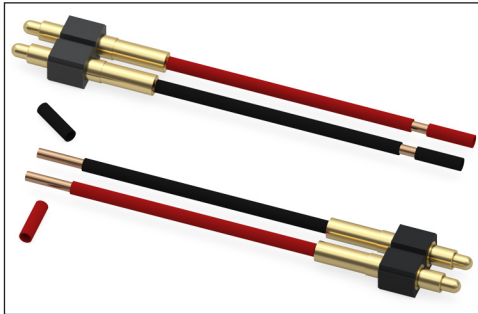


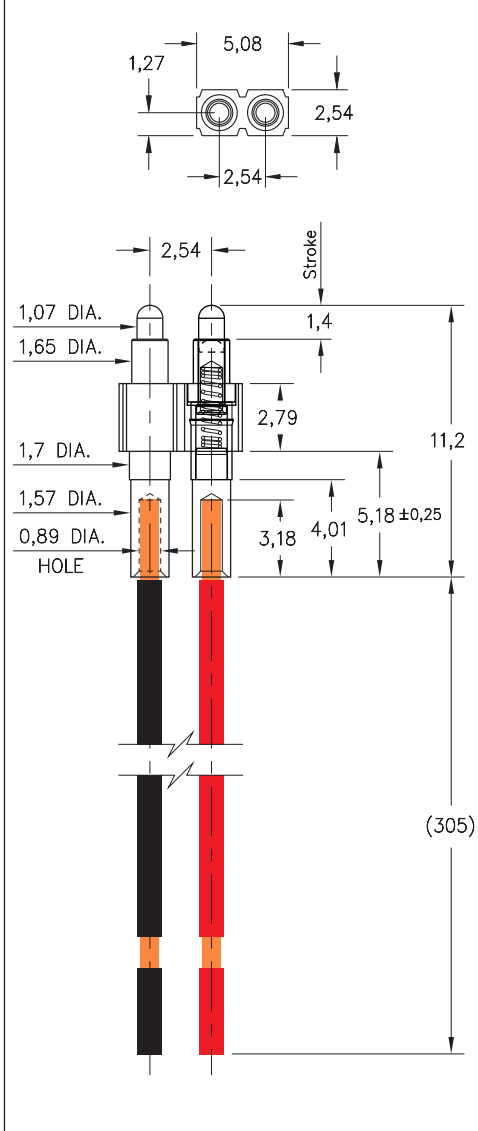
# SPRING-LOADED CONNECTORS

## SERIES 867 • 2,54 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 3,56 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 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, pin spacing is 2,54

**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 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 1,000,000 cycles  
 Wire retention: 35.6 Newtons minimum

##### 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

