

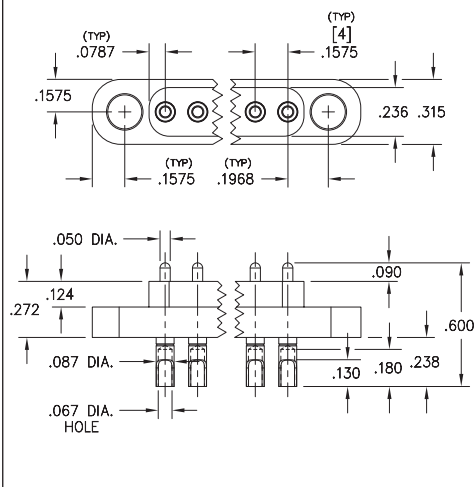
# SPRING-LOADED CONNECTORS

## SERIES 868 • 4MM GRID RUGGED CONNECTORS • SOLDERCUP TERMINATION

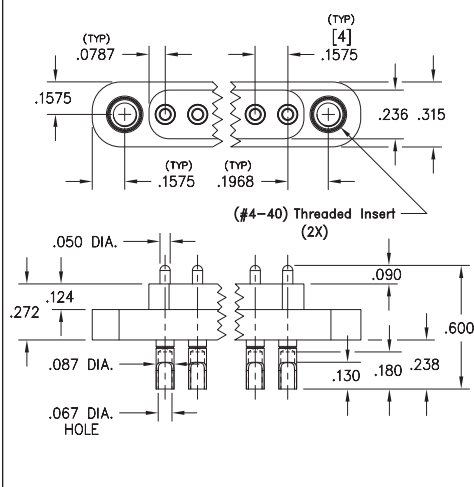


- Rugged Modular contacts for use on 4mm grid, supplied in 2 - 6 position connectors
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability. Pistons have a .045" mid. stroke and a .090" max. stroke
- Mounting tabs provide a means for secure attachment to PCB's, cable assemblies or other housings and may be specified with or without threaded inserts.
- High temperature thermoplastic insulators are suitable for most automated and manual soldering processes
- Series 868-22-00X-00-0X101 connectors are ideal for use with Mill-Max 858 and 868 series SMT, through hole or wire termination target connectors
- Solder cup termination accommodates up to 16 AWG wire
- Series 868-22-00X-00-0X101 use 0868-0 spring-loaded pins. See page 23.1 for details

### Series 868-22-00X-00-001101



### Series 868-22-00X-00-011101



## ORDERING INFORMATION

### Series 868 (Soldercup Termination)

868-22-00X-00-001101  
 Specify number of pins 2-6      No Threaded inserts

### Series 868 (Soldercup Termination)

868-22-00X-00-011101  
 Specify number of pins 2-6      (#4-40) Threaded inserts

## Technical Specifications

### Materials:

Contact piston & base: Machined copper alloy plated 20μ" gold over 100μ" nickel  
 Spring: Stainless Steel 302 plated 10μ" gold over nickel  
 Insulator: High temperature thermoplastic, rated UL94 V-0

### Mechanical:

Spring force @ initial height: 35 grams  
 Spring force @ mid stroke: 120 grams  
 Durability: Up to 1,000,000 cycles

### Electrical:

Current rating: 9A @ 10° C Temp. rise above ambient (20°C)  
 Contact resistance: 20mΩ max.  
 Insulation resistance: 10,000MΩ min.

RoHS-2  
2011/65/EU



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