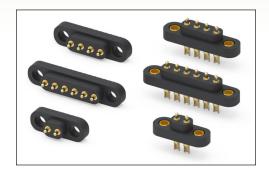
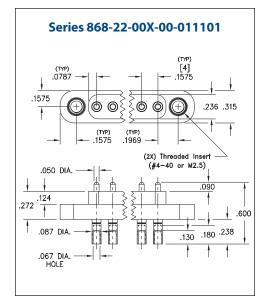
SPRING-LOADED CONNECTORS

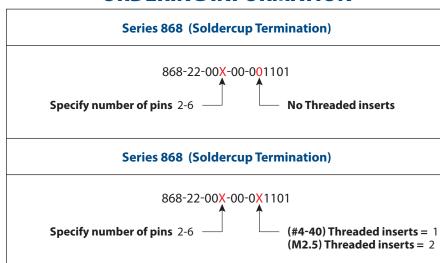
SERIES 868 • 4MM GRID RUGGED CONNECTORS • SOLDERCUP TERMINATION





- 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

ORDERING INFORMATION



Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated $20\mu''$ gold over

 $100\mu^{\prime\prime}$ nickel

Spring: Stainless Steel 302 plated $10\mu''$ 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: $20m\Omega$ max. Insulation resistance: $10.000M\Omega$ min.



