

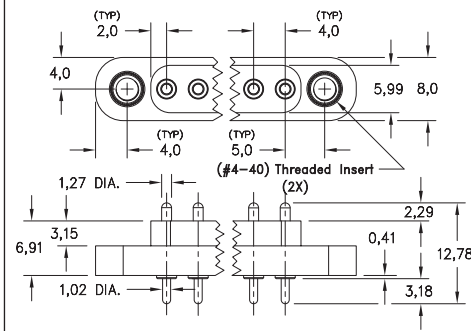
SPRING-LOADED CONNECTORS

SERIES 858 • 4MM GRID RUGGED CONNECTOR • SURFACE MOUNT AND THROUGH HOLE MOUNT

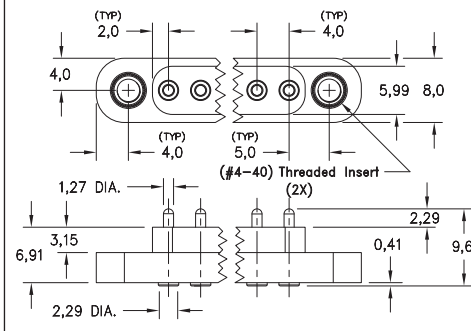


- Rugged Modular contacts for use on 4mm grid, supplied in 2 - 6 position connectors
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability. Pistons have a 1,14 mid. stroke and a 2,29 max. stroke
- Mounting tabs provide a means for secure attachment to the PCB and may be specified with or without threaded inserts
- Low resistance, high current contacts are rated at 9 amps @ 10°C Temperature rise
- High temperature thermoplastic insulators are suitable for wave and reflow processes
- Series 858-22-00X-10-0X1101 connectors are designed for manual placement into 1,22±0,076 Ø plated through-holes in the circuit board prior to soldering
- Series 858-22-00X-30-0X1101 and 858-22-00X-30-6X1101 connectors are designed for manual placement onto 2,54 Ø solder pads

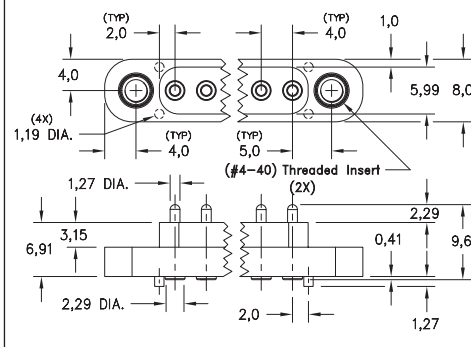
Series 858-22-00X-10-0X1101



Series 858-22-00X-30-0X1101



Series 858-22-00X-30-6X1101



ORDERING INFORMATION

Series 858 (Through-Hole Mount)

858-22-00X-10-0X1101
Specify number of pins 2-6 → ↑ No Threaded inserts = 0
(#4-40) Threaded inserts = 1

Series 858 (Surface Mount)

858-22-00X-30-0X1101
Specify number of pins 2-6 → ↑ No Threaded inserts = 0
(#4-40) Threaded inserts = 1

Series 858 (Surface Mount with Alignment Pins)

858-22-00X-30-6X1101
Specify number of pins 2-6 → ↑ No Threaded inserts = 0
(#4-40) Threaded inserts = 1

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 5,08µm gold over 2,54µm nickel
Spring: Stainless Steel 302
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

