

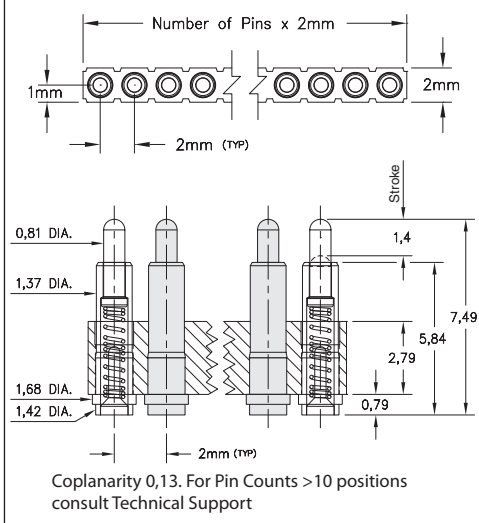
SPRING-LOADED CONNECTORS

SERIES 836 & 838 • 2mm GRID SURFACE MOUNT • SINGLE AND DOUBLE ROW STRIPS

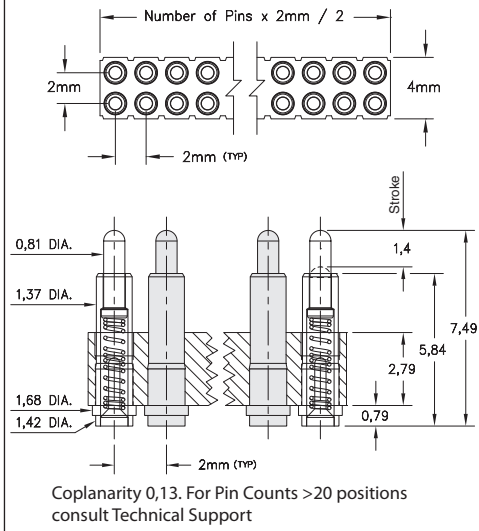


- Modular contacts for use on 2mm grid, available in single and double row contact strips with working travel of 0,7 and max. stroke of 1,4
- Precision-machined piston / base and gold-plated components assure up to 1,000,000 cycle life durability
- Low resistance, high current contacts are rated at 2 amps continuous, 3 amps peak
- High temperature thermoplastic insulators are suitable for SMT soldering processes
- Both 836 & 838 series, are available on 32mm wide carrier tape and fitted with vacuum pick-up clips for automated pick and place assembly. Tape and Reel packaging per EIA-481
- 836 & 838 series contact strips are designed for manual or automatic placement onto 1,68 Ø solder pads

SINGLE ROW Series 836



DOUBLE ROW Series 838



ORDERING INFORMATION

Series 836 (Bulk Packaged)

836-22-0XX-30-001101

Specify number of contacts 02-10

Series 836 (Tape & Reel Packaged, 400 parts per 330mm Reel)

836-22-0XX-30-001191

Specify number of contacts 02-10

Series 838 (Bulk Packaged)

838-22-0XX-30-001101

Specify number of contacts 04-20

Series 838 (Tape & Reel Packaged, 400 parts per 330mm Reel)

838-22-0XX-30-001191

Specify number of contacts 04-20

Technical Specifications

Materials:

Contact piston & base: Machined copper alloy plated 0,51µmgold over 2,54µm nickel
 Spring: Stainless Steel-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

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Mill-Max:](#)

[838-22-020-30-001101](#) [836-22-010-30-001101](#)