

SINGLE ROW CRIMP CONNECTOR HOUSING



1800 SERIES. 1.80 mm. (0.071") Pitch.

General Features

- Available in 2 circuits
- Mates with 1.80 mm. SMD header 1802 series
- With / without positive retention lock
- Use crimp terminal 1801

Materials

- Insulator: Nylon 6/6 UL 94 V-0
- Operating temperature. -40°C to +85°C
- RoHS compliant

Electrical Features

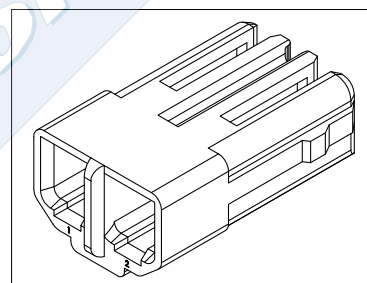
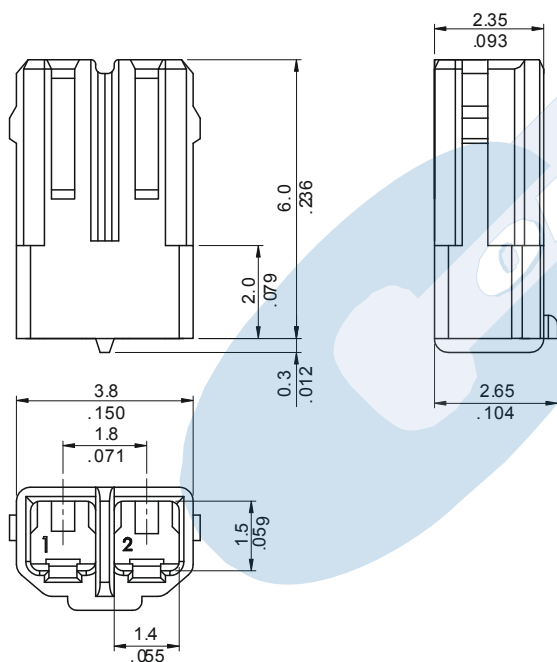
- Voltage rating: < 350 V
- Current rating: < 4 A (AWG 22)
- Contact resistance: < 30 mΩ
- Dielectric withstanding voltage: 1000 V AC/minute
- Insulation resistance: >1000 MΩ

Mechanical Features

- Contact retention force to the housing: >0.70 Kgf
- Insertion force to header: < 0.60 Kgf/pin
- Withdrawal force from header: < 0.50 Kgf/pin
- Durability: 25 cycles

Dimensional Information

P/N: 1800-2021 (Without Retention)



1800 - 2- 02- C
1 2 3

1. Connector Serie

2. (C) Connector Options

- C=1. without positive retention lock
- C=2. with positive retention lock

P/N: 1800-2022 (With Retention)

