

# 3.50 mm. MICRO POWER HOUSING



## 3510 SERIES. 3.50 mm. (0.138") pitch. Plug / Receptacle housing.

### General Features

- Available in 2 circuits
- Mates with 3.50 mm. pitch 3510 crimp housing and 3511 and 3514 pin headers series
- Polarised with positive locking system
- Use crimp terminal 3512 (receptacle housing) and 3513 (Plug housing) series
- Allows wire to wire and wire to PCB connections
- Applicable panel thickness: 0.80 to 2.0 mm

### Materials

- Insulator: Nylon 66 UL 94 V-0
- Operating temperature: -25°C to +85°C
- RoHS compliant

### Electrical Features

- Voltage rating: < 1400 V
- Current rating: < 1 A
- Contact resistance: < 10 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: > 1000 MΩ

### Mechanical Features

- Contact retention force to the housing: < 1.0 Kgf
- Insertion force to header: < 0.50 Kgf/pin
- Withdrawal force from header: < 0.10 Kgf/pin
- Contact insertion force: < 0.70 Kgf
- Durability: 25 cycles

### Dimensional Information

