



- Dual-beam contact design for highly reliable electrical performance
- Latching key assures proper alignment and friction retention

TECHNICAL DATA

Physical

- Housing: Black thermoplastic
- Flammability rating: UL 94 V-0
- Contact: Phosphor-bronze
- Plating: Gold over 1.27 μm (50 μin) nickel



Electrical Performance

- Current rating: 2 A continuous
- Insulation resistance: 1000 M Ω min.
- Contact resistance: 20 m Ω max.
- Dielectric withstanding voltage: 650 V
- Voltage rating: 200 V

Mechanical Performance

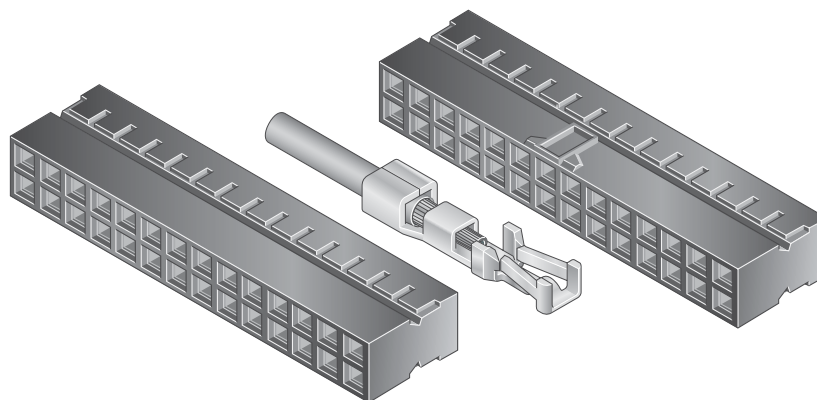
- Mating cycles (durability): 100
- Contact retention to housing: 7.83 N (800 gf) min.
- Mating force per contact: 1.77 N (180 gf) max.
- Unmating force per contact: 0.20 N (20 gf) min.

Operating Temperature Range

- -40°C to +105°C

Packaging

- Reels – Contacts
- Bags – Housings



Reference Information

- File no. E66906
- File no. LR46923
- Product drawing: 77138 or 77139 – Contact
69307, 90311 – Housing
- Product specification: 110-036
- Application specification: 100-006, TA-959

Specifications subject to change without notice.

MATING DATA

- Minitek™
Unshrouded headers 54, 56, 58
- Minitek™ Shrouded headers 64, 66

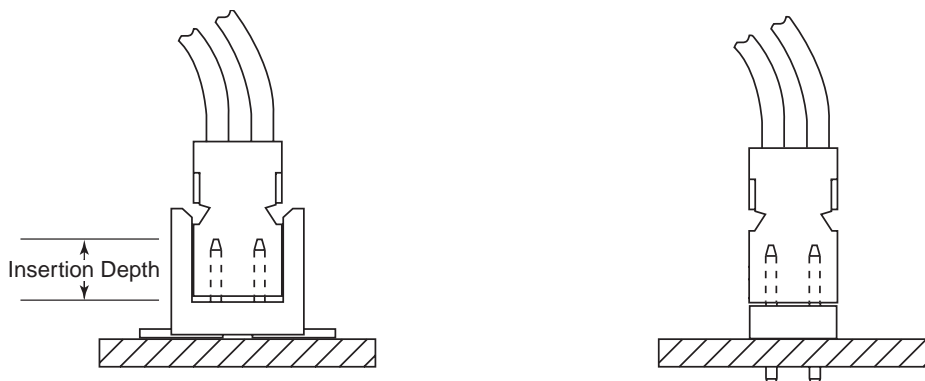
INSERTION DEPTH

- 2.40 mm min. to 3.30 mm max.
[provides .381 mm wipe]
- 3.63 mm min. to 4.00 mm max.
[provides .381 mm wipe in housing]

RoHS INFORMATION

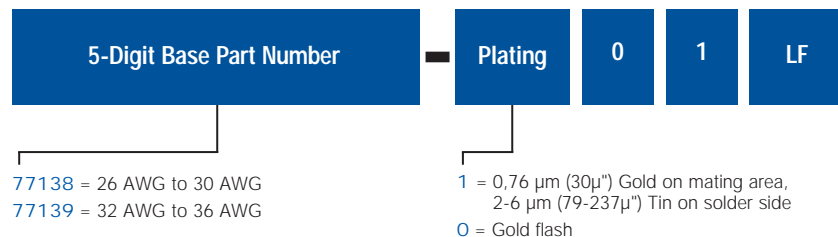
This product is RoHS compatible according to the European Union Directive 2002/95/IEC

TYPICAL APPLICATIONS

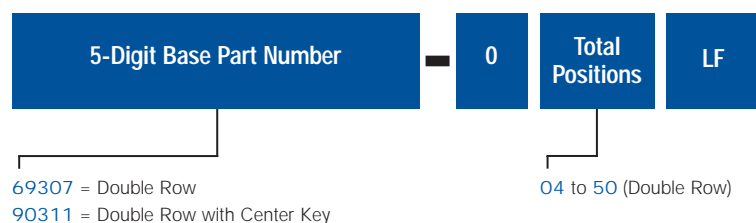


2.00 mm (.079")

PART NUMBER



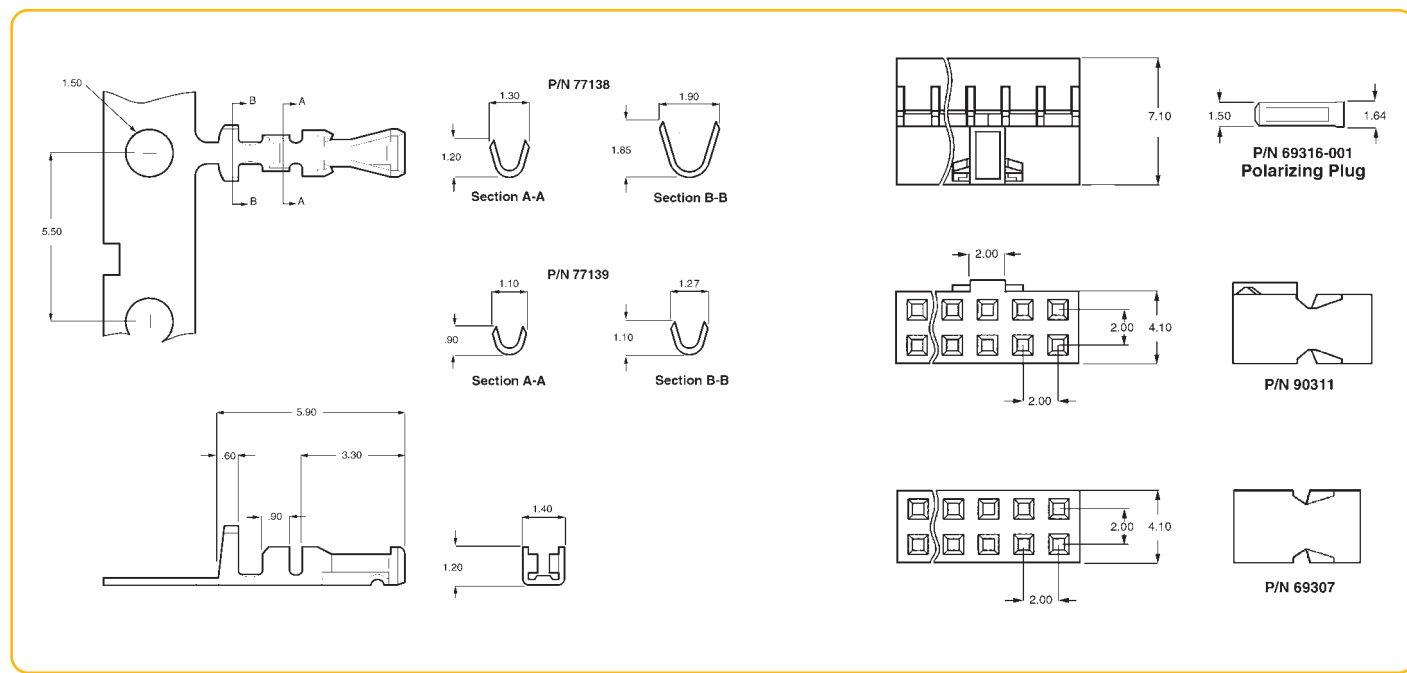
Housings



77138 - 101LF
 90311 - 0XXLF
 XX = 04, 06, 08, 10, 12, 16, 20

90311 - 0 Total Positions LF

PRIORITY PART



2.00 mm (.079")