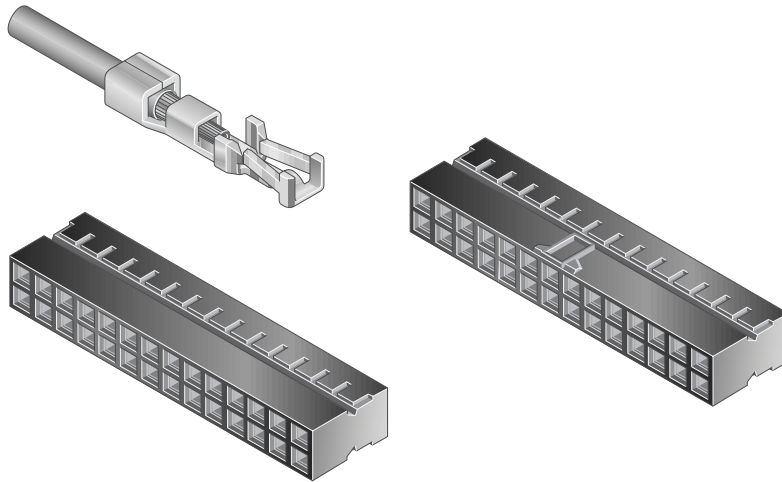


- Dual-beam contact design for highly reliable electrical performance
- Latching key assures proper alignment and friction retention



69307 2x14

**24 HOUR
SAMPLES**

Technical Data

Physical

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

Electrical Performance

Current rating: 2 A continuous
 Insulation resistance: 1000 MΩ min.
 Contact resistance: 20 mΩ 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

-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

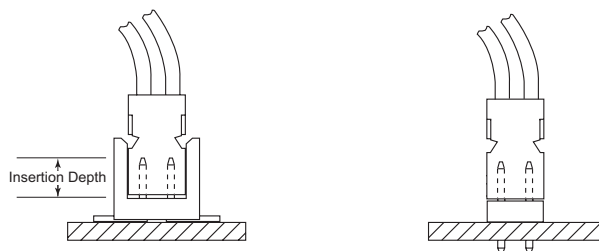
Page

■ Minitek™ Unshrouded straight headers	38
■ Minitek™ Unshrouded right angle headers	40
■ Minitek™ Unshrouded stacking headers	42
■ Minitek™ Shrouded straight headers	44
■ Minitek™ Shrouded right angle headers	46

Insertion Depth

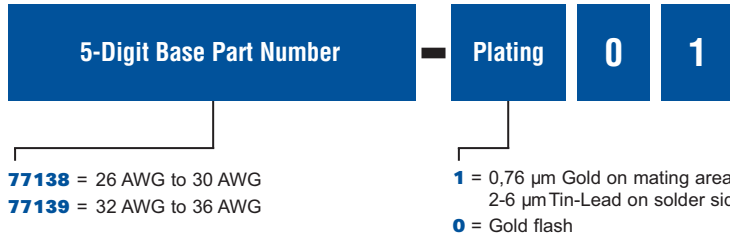
- 2.40 mm min. to 3.30 mm max.
[provides .381 mm wipe]
- 3.63 mm min. to 4.00 mm max.
[provides .381 mm wipe in housing]

Typical Applications

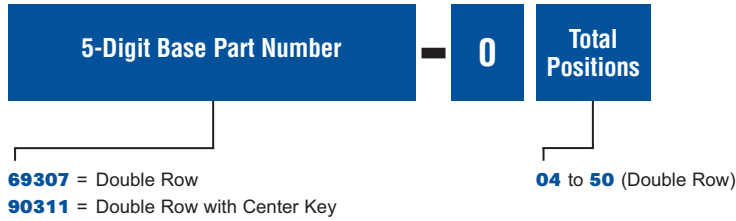


Part Number

Contacts

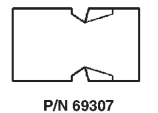
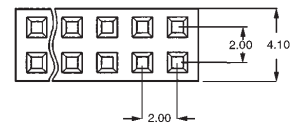
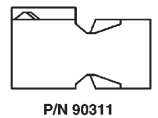
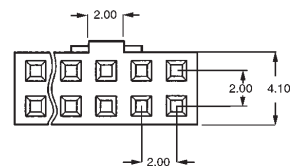
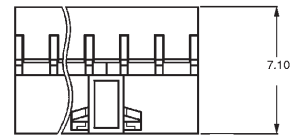
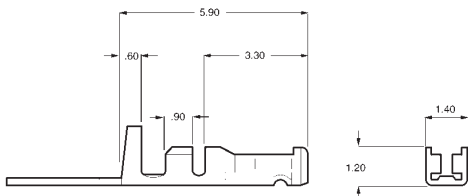
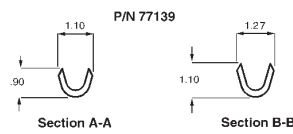
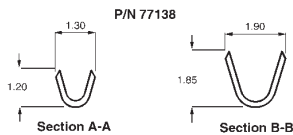
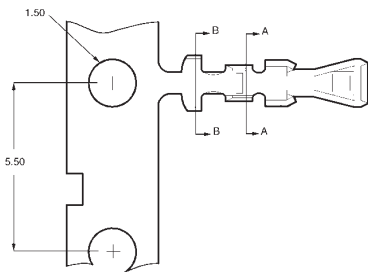


Housings



Part Number	
77138	- 101
90311	- 0 Total Positions

CORE RANGE



Dimensions in mm