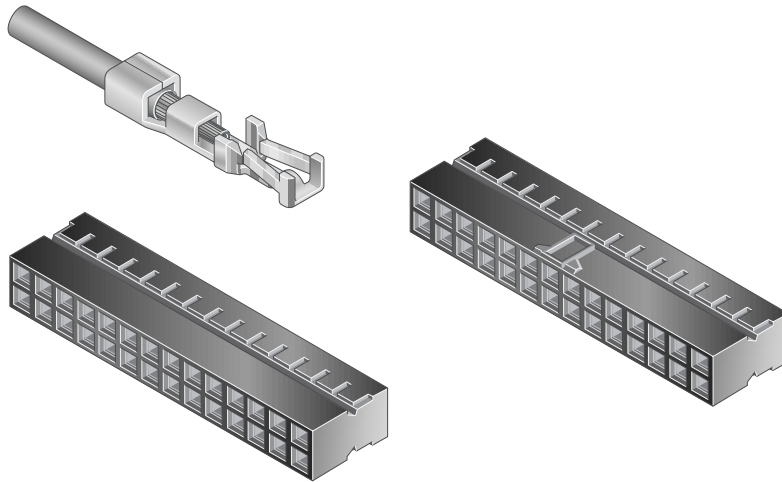


- Dual-beam contact design for highly reliable electrical performance
- Latching key assures proper alignment and friction retention



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

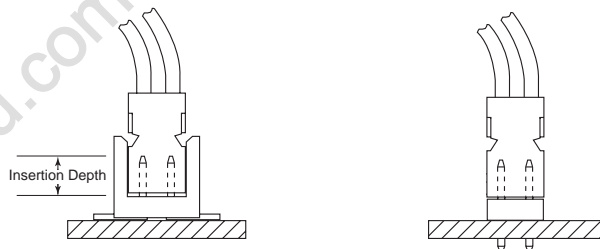
Page

■ 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

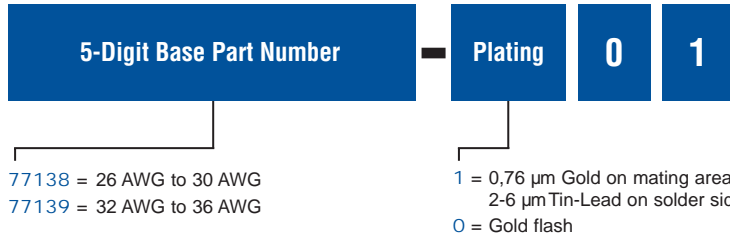
- 2.40 mm min. to 3.30 mm max.  
[provides .381 mm wipe]
- 3.63 mm min. to 4.00 mm max.  
[provides .381 mm wipe in housing]

## Typical Applications

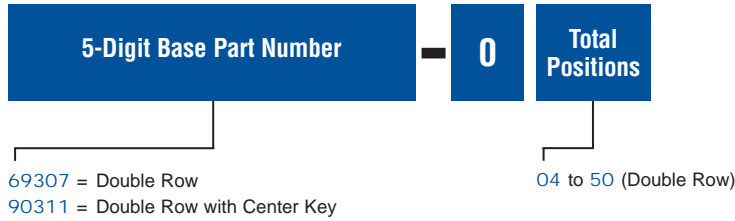


**Part Number**

**Contacts**

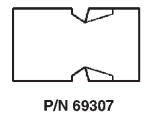
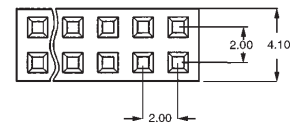
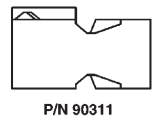
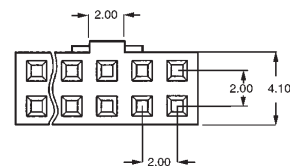
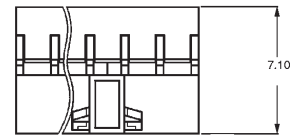
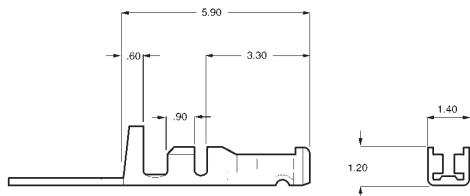
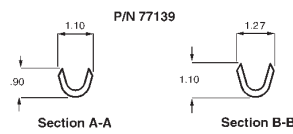
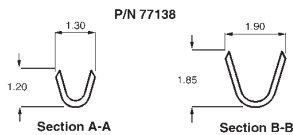
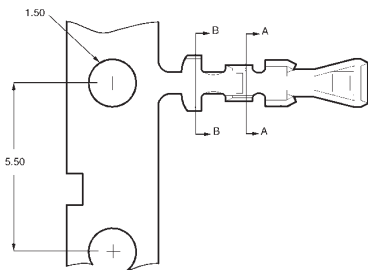


**Housings**



Part Number	
77138	- 101
90311	- 0 Total Positions

**CORE RANGE**



**Dimensions in mm**