

## Datasheet for 76650-0052

### General Information

|                           |   |
|---------------------------|---|
| <b>Part Number:</b>       | 76650-0052  |
| <b>Manufacturer:</b>      | Molex / Waldom  |
| <b>Title:</b>             | Solderless Terminal Kit                                       |
| <b>Description:</b>       | Nylon and PVC Insulated Wire Pin                              |
| <b>Product Family:</b>    | Wire Pin Terminals  |
| <b>Certificates:</b>      | (Molex Parts within this kit) - EU RoHS Compliant, UL and CSA |
| <b>Country of Origin:</b> | Kit assembled in U.S.A.                                       |

### Specifications

#### Design

**Configuration:** Solderless Terminals / Wire-to-Board

#### Terminal

**Insulation:** PVC and Nylon

**Wire:** (22-18) and (16-14) AWG

### Product Highlights

For a quick and easy connection in applications where set screws or clamps are used to make electrical contact with the wire. Fits all popular pin-type (European) terminal blocks. These simply the insertion of stranded wire, by preventing wire strand foldback, assuring a proper electrical contact and a stronger connection than just wire alone.

#### Features and Benefits

- Can be connected and disconnected repeatedly
- Provides a reliable, vibration-proof connection
- Allows for quick wire connects and disconnects from components
- Fits all popular pin-type (European) terminal blocks
- Can be used/clamped repeatedly without damaging the wire
- Conveniently allows for multiple wires to be inserted into 1 terminal block contact
- Made of pure electrolytic copper
- Electro Tin plated per Mil-T-10727

#### Applications

- MRO (Maintenance Repair and Operations)
- Automotive

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#### Bill of Materials for Part No. 76650-0052

| Molex Part No. | Country of Origin | Description  | Quantity in Kit |
|----------------|-------------------|--|-----------------|
| 19212-0001     | Taiwan            | Insulated Male Wire Pin (PVC) Terminals, 12-10 AWG   | 15              |
| 19212-0003     | Taiwan            | Insulated Male Wire Pin (PVC) Terminals, 22-18 AWG   | 15              |
| 19212-0005     | Taiwan            | Insulated Male Wire Pin (PVC) Terminals, 16-14 AWG   | 15              |
| 19213-0007     | Taiwan            | Insulated Male Wire Pin (Nylon) Terminals, 12-10 AWG | 15              |
| 19213-0009     | Taiwan            | Insulated Male Wire Pin (Nylon) Terminals, 22-18 AWG | 15              |
| 19213-0011     | Taiwan            | Insulated Male Wire Pin (Nylon) Terminals, 16-14 AWG | 15              |

#### Recommended Molex Tool(s) for Part No. 76650-0052\*

| Molex Part No. | Country of Origin | Description                |
|----------------|-------------------|----------------------------|
| 64001-0100 *   | USA               | Hand Crimp Tool (RHT-1990) |
| 64001-0300 *   | USA               | Hand Crimp Tool (RHT-1993) |
| 64001-1200 *   | USA               | Hand Crimp Tool (RHT-2050) |
| 64001-1400 *   | USA               | Hand Crimp Tool (RHT-2100) |
| 64001-1500 *   | USA               | Hand Crimp Tool (RHT-2200) |

\*Tool(s) not included in kit. Tool(s) ordered separately.