

## 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.