

## Datasheet for 76650-0050

### General Information

<b>Part Number:</b>	76650-0050
<b>Manufacturer:</b>	Molex / Waldom
<b>Title:</b>	Wire Tap Connector Kit
<b>Description:</b>	Nylon Tap-and-Run Splice Wire Tap and Nylon Insulated Male Quick Disconnect Solderless Terminals
<b>Product Family:</b>	Wire Tap
<b>Certificates:</b>	(Molex Parts within this kit) - EU RoHS Compliant
<b>Country of Origin:</b>	Kit assembled in U.S.A.

### Specifications

#### Design

<b>Configuration:</b>	Wire-to-Wire
<b>Type:</b>	Splice
<b>Voltage:</b>	600 Volts
<b>Wire:</b>	(22-18), (16-14) and 12 AWG

### Product Highlights

The quick and easy way to splice into a wire. The Wire Tap makes tapping into an existing wire quick, easy and reliable. This Tap-and-Run splice is actually a fully insulated female quick disconnect that can be spliced onto a wire and then mated with a male quick disconnect, all without stripping, twisting, soldering or the need for special tools.

#### Features and Benefits

- The dual barb insulation piercing design ensures reliable contact.
- No stripping, twisting, or soldering
- Color-coded insulator allows easy identification of terminal size and wire gauge.

#### Applications

- MRO (Maintenance Repair and Operations)
- Automotive
- Lighting
- Car stereo and AV equipment
- Powering Accessories

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**Bill of Materials for Part No. 76650-0050**

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>	<b>Quantity in Kit</b>
19025-0001	USA	Insulated .250" Male Quick Disconnect (Nylon) Solderless Terminals, 22-18 AWG-Red	5
19025-0005	USA	Insulated .250" Male Quick Disconnect (Nylon) Solderless Terminals, 12-10 AWG-Yellow	5
19025-0007	USA	Insulated .250" Male Quick Disconnect (Nylon) Solderless Terminals, 16-14 AWG-Blue	5
19216-0009	USA	Wire Tap, 12 AWG-Yellow	5
19216-0010	USA	Wire Tap, 18-14 AWG-Blue	5
19216-0011	USA	Wire Tap, 22-18 AWG-Red	5

**Recommended Molex Tool(s) for Part No. 76650-0050\***

<b>Molex Part No.</b>	<b>Country of Origin</b>	<b>Description</b>
64001-0100 *	USA	Hand Crimp Tool (RHT-1990)
64001-0200 *	USA	Hand Crimp Tool (RHT-1991)
64001-1400 *	USA	Hand Crimp Tool (RHT-2100)
64001-5900 *	USA	Hand Crimp Tool

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