

## Datasheet for 76650-0024

### General Information

|                           |                               |
|---------------------------|-------------------------------|
| <b>Kit Part Number:</b>   | 76650-0024                    |
| <b>Connector Type:</b>    | Terminal Blocks               |
| <b>Solution:</b>          | Off the Board Terminal Blocks |
| <b>Molex Family:</b>      | ESE                           |
| <b>Certificates:</b>      | N/A                           |
| <b>Country of Origin:</b> | Kit assembled in U.S.A        |

### Specifications

|                          |                                             |
|--------------------------|---------------------------------------------|
| <b>Circuit Size:</b>     | 2, 3, 4, 5, 6, 8                            |
| <b>Current Rating:</b>   | 15A                                         |
| <b>Mounting Style:</b>   | PCB Header, Right Angle Plug, Vertical Plug |
| <b>Pitch:</b>            | 5.08mm (.200")                              |
| <b>Rows:</b>             | Single Pluggable (two-piece)                |
| <b>Voltage Rating:</b>   | 300V                                        |
| <b>Wire Gauge (AWG):</b> | 26-12                                       |

### Product Highlights

ESE terminal blocks provide economic benefits and enhance Molex's existing Eurostyle™ terminal block offering. A wiring technique that is attractive for marketing requirements, as well as, easy for users to access, can greatly improve the success of end products that use power terminal blocks. All ESE Eurostyle™ PCB terminal blocks from Molex® conform to international standards, are RoHS compliant, UL recognized and CSA certified.

#### Features and Benefits

- Fixed or pluggable product styles allow for maximum design flexibility
- Captive screws in all terminal blocks mean that screws will not back out of housing or mounting ends
- Rising cage clamp termination provides a reliable connection without strand damage or intermittence

#### Applications

- Power Distribution
- Factory and Process Automation
- HVAC
- Security Systems
- Elevators
- Irrigation Systems
- Measurement and Control Systems

**Bill of Materials**

| Molex Part No. | Description                                               | Quantity |
|----------------|-----------------------------------------------------------|----------|
| 39530-0002     | 2-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 3        |
| 39530-0003     | 3-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 3        |
| 39530-0004     | 4-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 3        |
| 39530-0005     | 5-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 3        |
| 39530-0006     | 6-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 3        |
| 39530-0008     | 8-Way 5.08mm (.200") ESE Horizontal Plug Terminal Block   | 2        |
| 39531-1002     | 2-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 3        |
| 39531-1003     | 3-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 3        |
| 39531-1004     | 4-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 3        |
| 39531-1005     | 5-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 3        |
| 39531-1006     | 6-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 3        |
| 39531-1008     | 8-Way 5.08mm (.200") ESE Vertical Header Terminal Block   | 2        |
| 39532-1003     | 3-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 3        |
| 39532-1004     | 4-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 3        |
| 39532-1005     | 5-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 3        |
| 39532-1008     | 8-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 2        |
| 39533-2002     | 2-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 3        |
| 39533-2003     | 3-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 3        |
| 39533-2004     | 4-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 3        |
| 39533-2005     | 5-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 3        |
| 39533-2006     | 6-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 3        |
| 39533-2008     | 8-Way 5.08mm (.200") ESE Vertical Plug Terminal Block     | 2        |
| 39532-1002     | 2-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 3        |
| 39532-1006     | 6-Way 5.08mm (.200") ESE Horizontal Header Terminal Block | 3        |

**Recommended Molex Tool**

| Molex Part No. | Description               |
|----------------|---------------------------|
| None           | No Additional Information |