13 POLE TRACTOR TRAILER CONNECTORS

Features and Benefits
- Distinctive bright yellow housing color identifies 13-pole size.
- Surpasses SAE J560b performance standards, allowing for interchangeability between 7-pole and 13-pole connectors.
- Robust glass-filled plastic housings cannot rust or corrode.
- Adaptable to a wide variety of wiring combinations, including multiplexed circuits.
- Ground terminals accept up to 8AWG wire, 7 pole terminals up to 10AWG, smaller 6 pole terminals up to 18AWG.
- Protective, latching-doored sockets to protect terminals from debris and contaminants.
- Six terminals (P/N 31784) included.

Description
13-pole trailer connectors are used for the electrical connection of turn lights, brake lights, lamps, and AUX/ABS power on vehicles with 12V and 24V electrical systems. Provides six additional tractor-trailer circuits within the design envelope of traditional 7-pole connectors.

Applications
- Brake Lights
- Turn Lights
- Lamps
- Power to Anti-Lock Brakes
- Power to Auxiliary Equipment

Specifications Overview
Voltage Rating: 12V to 24V DC
Poles: 13-Pole
Amperage: 12A per circuit (smaller terminals 6 total) @ 30 °C.
Industry Standard: SAE J560B
Housing: Yellow Glass-Filled Plastic
Wire Sizes: 8 AWG, 10AWG and 14 AWG

Web Resources
Download 2D print and technical resources at: littelfuse.com/13PoleConnectors

Ordering Information

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MOUNTING</th>
<th>VOLTAGE</th>
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</thead>
<tbody>
<tr>
<td>12300 *</td>
<td>13-Pole Round Flanged Socket Trailer Connector Assembly</td>
<td>Flange</td>
<td>12V to 24V DC</td>
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<tr>
<td>12301 *</td>
<td>13-Pole Round Plug Trailer Connector Assembly</td>
<td>None</td>
<td>12V to 24V DC</td>
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</tbody>
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* Box and Blister Pack Available