

# 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.

## Specifications Overview

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

## Applications

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

## Web Resources

Download 2D print and technical resources at:  
[littelfuse.com/13PoleConnectors](http://littelfuse.com/13PoleConnectors)

## Ordering Information

PART NUMBER	DESCRIPTION	MOUNTING	VOLTAGE
12300 *	13-Pole Round Flanged Socket Trailer Connector Assembly	Flange	12V to 24V DC
12301 *	13-Pole Round Plug Trailer Connector Assembly	None	12V to 24V DC

\* Box and Blister Pack Available

单击下面可查看定价，库存，交付和生命周期等信息

[>>Littelfuse\(美国力特\)](#)