

## What is a 48-pin connector box



### Overview

Designed for direct soldering onto printed circuit boards (PCBs), featuring a box-like housing that protects solder joints and ensures alignment with mating connectors. These connectors are the nervous system of modern vehicles, transmitting thousands of signals every second. A 48-pin connector is a multi-pin electrical interface used to establish reliable connections between circuits, devices, and systems. These connectors are widely used in industrial electronics, telecommunications, automotive systems, and consumer electronics due to their high signal density and. SE-48-1 Heavy Duty Connector is engineered for reliable performance in demanding industrial applications. Please modify your search so that it will return results. To use the less than or greater than function, please select a value. Deutsch DT04-48P-B016 48-Way Receptacle Assembly, Enhanced Key, Flange Mount, Front Gasketed for rear mounting. Enhanced key prevents forced mating. Mates with DT06-12S-P012 Enhanced Plugs. Complete with wedgelocks and choice of pins.

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The 48 Pin Type D Connector, a multi-purpose interface, has emerged as a key component in various electronic devices. This article provides an overview of the connector's functions, applications, and ...



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Deutsch DT Series 48-Way Connectors feature rectangular housing with silicone rubber seals and are rated at 13 amps continuous.



A 48 pin ECU connector is a multi-pin electrical connector that links the Engine Control Unit (ECU) to various vehicle sensors, actuators, and systems. It serves as the central ...



This connector boasts a high-density pin configuration, accommodating 48 pins to support complex wiring requirements. The durable housing is constructed from high-grade materials, providing ...



Once assembled, these connectors are rated NEMA 4X, 12, and IP65 for protection against corrosion, washdowns, dirt, oil/coolant dripping, and water projected from a nozzle.



After harness assembly, connector does not need specific protection. The harness maker must guarantee an appropriate protection regarding storage, transport and/or using conditions.



For -40 F to +221 F planning system layout, whirlwind standard starts at the stage box and designates the first connector as an Output. Cables with Mass connectors at both ends require one end to be ...



Mouser offers inventory, pricing, & datasheets for 48 Position DIN 41612 Connectors.



This type of header contains male pins within a plastic base and is meant to be mated with a rectangular cable connector or a female socket header for board-to-board connection.

## Contact Us

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