What model of round pigtail connector is it



Overview

What Is a Pigtail Connector?

Types, Benefits, and This guide explains everything you need to know about pigtail connectors — what they are, how they work.

Key Takeaways

Round pigtail connectors are circular connectors often used for sensors, solenoids, and switches, and their model number can be determined by evaluating shape, pin configuration, and manufacturer specifications.

Understanding Round Pigtail Connectors

A pigtail connector is a short wire with a connector on one end and a bare wire on the other, used to connect, repair, or extend circuits without soldering. Round pigtail connectors are circular in shape and are commonly used in automotive and industrial applications for sensors, solenoids, and switches. They may include locking tabs or alignment keys to secure the connection and prevent accidental disconnection.

Steps to Identify the Model Number

Examine the Shape and Size: Confirm that the connector is round and note its diameter. Round connectors may vary in size depending on the number of pins and application. Check Pin Configuration: Count the number of pins or sockets inside the connector.

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The arrangement of pins is often unique to a specific model or manufacturer. Look for Locking Features: Identify any locking tabs, alignment keys, or other mechanical features that help secure the connector. These features can narrow down the model options.

Color Coding: Some manufacturers use color coding to indicate wire type or system function, though this is not always consistent across brands. Consult Manufacturer or Online Databases: Use online resources like connector identification guides or the electronic connector book to match your connector's characteristics with a specific model number. Many automotive suppliers provide charts linking connector shapes, pin counts, and terminal part numbers.

Reference Part Numbers: If the connector is part of a vehicle or device, check the wiring diagram or service manual. These often list the terminal part number or service part number for the pigtail connector.

Tips for Accurate Identification

Compare your connector to images of known connectors online to find a visual match. Measure the wire gauge and ensure it matches the connector's specifications. If uncertain, consult an electrician or supplier to confirm compatibility before purchasing a replacement.

By following these steps, you can accurately identify the model number of a round pigtail connector and ensure proper replacement or repair.

Article Content

What Is a Pigtail Connector? Types, Benefits, and

This guide explains everything you need to know about pigtail connectors — what they are, how they work, different types, how to choose the

Pigtail Connectors – Mouser

Pigtail Connectors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Pigtail Connectors.

Circular Connectors | Connectors, Interconnects | DigiKey

Circular Connectors or circular interconnects are plugs and receptacles that are made in a circular look with multiple pins or sockets. The characteristics are connector type, number of positions, shell size

What is a Pigtail Connector? A Complete Guide

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You may have seen them repair your car, install a new light fixture, or even work on industrial equipment. They''re simple, but they''re essential for keeping equipment running smoothly.

What Is a Pigtail Connector: Types, Uses & Guide

Learn what a pigtail connector is, its types, uses, and benefits. Explore industries, installation tips, and how to choose the right solution.

Connector identification online

Identiconn ™ Connector Identification Utility -- "What is this connector?" -- A free service from The Electronic Connector Book. Connecting devices used in the electronic industry. If you know its name,

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When purchasing Pigtail Connectors for your vehicle replacement or repair needs, there are several key factors to consider to ensure optimal performance and compatibility. First, it''s crucial to match the

What Is a Pigtail Connector? Types, Wiring & Applications Guide

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Learn what pigtail connectors are, their types, wiring methods, AWG selection, applications, and installation best practices for automotive and industrial wiring systems.

What Is a Pigtail Connector? Types, Benefits, and Installation Guide ...

Learn what a pigtail connector is, how it works, and the best types for electrical and fiber optic systems. Clear definitions, benefits, uses, and installation tips.

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Automotive Pigtail Connectors: Types and Applications

A vehicle''s electrical systems wouldn''t work without wire connectors. Uncover key details about the types and applications of automotive pigtail connectors.

What Is a Pigtail Connector? A Complete Guide

What Is A Pigtail Connector If you''ve ever rewired a light fixture, swapped out a faulty automotive sensor, or repaired a damaged wire harness, you''ve probably worked with a pigtail

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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