Compatible High-Temperature Resistant Optical Circuit Terminals

Overview

High-Temperature Connectors | McMaster-CarrChoose from our selection of high-temperature connectors, including over 200 products in a wide range of styles.

Key Takeaways

High-temperature optical circuit terminals from US suppliers are available with ratings up to 1,200°F, suitable for industrial and high-heat applications.

Recommended U

S Suppliers and Products1. McMaster-Carr McMaster-Carr offers high-temperature ring, spade, and flag terminals with PVDF insulation that withstand elevated temperatures without softening, ideal for ovens, kilns, and other heat-generating equipment. Noninsulated ceramic terminal blocks maintain structural integrity up to 1,200°F, and screw-clamp terminals provide secure connections resistant to vibration and pullout.

Kits include a variety of terminals and splices for flexible installation and inspection of wire connections. 2.

Digi

Key / CUI Devices CUI Devices provides high-temperature screwless and pluggable terminal blocks with wire gauges from 24 AWG to 16 AWG and pitches of 3. 5 mm, 3. 81 mm, 5.

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00 mm, or 5. 08 mm. These through-hole mount terminals operate from -40°C to +130°C, suitable for harsh thermal environments.

They are available in horizontal, vertical, and 45-degree orientations for versatile PCB or panel mounting. 3.

Elec

Direct Elec

Direct supplies hi-temp crimp terminals made of nickel-plated steel, rated up to 900°F and 600V, compatible with copper wire. Available types include ring, spade, male and female disconnects, butt splices, and fully insulated quick disconnects. These terminals are Made in the USA and designed for reliable electrical performance in high-temperature applications.

4. Molex Molex offers rugged high-temperature wire terminals rated from +150°C to +650°C, compliant with UL, CSA, ISO, and SAE standards. These solderless terminals provide corrosion resistance, long-term stability, and fast, secure assembly without soldering.

They support wire-to-wire and wire-to-board connections, making them suitable for optical circuits exposed to extreme heat. 5.

Crimp

Supply Crimp

Supply provides kits containing 500 high-temperature terminals in sizes 22 to 10 gauge, including rings, forks, butt splices, and quick disconnects. These kits are ideal for bulk installations or maintenance in high-temperature environments.

Key Considerations

Temperature Rating: Choose terminals rated above the maximum operating temperature of your application (up to 1,200°F for ceramic blocks). Wire Gauge Compatibility: Ensure the terminal supports your wire size (commonly 24–10 AWG). Insulation Type: PVDF or ceramic insulation is preferred for extreme heat; noninsulated terminals allow easier inspection.

Mounting Style: Options include screwless, pluggable, through-hole, or clamp-style terminals depending on your circuit design. Supplier Location: All listed suppliers are US-based or provide US shipping, ensuring compliance with domestic sourcing requirements. These suppliers provide a range of high-temperature resistant terminals suitable for optical circuits, offering both durability and electrical reliability in extreme thermal conditions.

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Article Content

High-Temperature Connectors | McMaster-Carr

Choose from our selection of high-temperature connectors, including over 200 products in a wide range of styles and sizes. Same and Next Day Delivery.

Accu-Glass Products, Inc.

Below, you will find specialty connectors and high temperature connectors that are uniquely designed for your complex High In-Vacuum and Ultra High Vacuum

High Temperature Wire Terminals | Hi Temp Crimp

Professional online source for high temperature wire terminals and crimp connectors for electrical wire. Our hi temp crimp terminals are one piece, nickel-plated steel

Electronic Terminals Manufacturers and Suppliers in the USA

Manufacturer of corrosion resistant terminals for OEM, electrical, healthcare, aerospace, automotive, food, military, and HVAC industries. Quick connect, screw, and bifurcated soldering

High Performance Connectors | Smiths Interconnect

We integrate the highest performance contact technologies into a broad range of electrical connectors for signal, power, high speed, fiber optic, filter and RF

Authorized electronic components distributor and supplier

Harwin Gecko (G125) series is a 1.25 mm pitch, high-reliability/high-performance connector system that is suited for use in environments with high vibration, shock, and extreme temperatures.

Wire Terminals

Terminals have “V” groove serrations to provide maximum contact and tensile strength after crimping. P.V.C. and Nylon injection molded with funnel entry for fast, easy wire insertion.

High Temperature Connectors Manufacturers and Suppliers in the

Manufacturer of standard and custom connectors made from bronze, Monel, steel and stainless steel materials. Features include flexibility, high pressure and temperature. Suitable for

Electronic Components and Parts Search | DigiKey

Industrial Supplies Integrated Circuits (ICs) Isolators Kits Labels, Signs, Barriers, Identification Line Protection, Distribution, Backups Magnetics - Transformer,

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Postal Redux wirst du im Shop finden, oder? Ich nicht! Da du mich jetzt superlieb und sympatisch findest (lol) denkst du dir hey, ich schenk dem guten guten Dexter das! In forum " Identity General

Connector & Terminals

Discover a wide range of high-performance connectors and terminals for robust electrical applications. Our factory-direct pricing offers cost-effective options for

Electronic Connector Manufacturers and Companies

Discover top electronic connector companies and manufacturers. Find standard and custom solutions for your electronic connector needs.

High-Temperature Terminals | McMaster-Carr

Choose from our selection of high-temperature terminals, including over 80 products in a wide range of styles and sizes. Same and Next Day Delivery.

Amazon : High Temp Wire Connectors

Shop durable wire connectors built to withstand extreme heat. Find spade terminals, ring connectors, and ceramic wire nuts for your high-temperature needs.

High Temperature Wire Terminals | Hi Temp Crimp

Your professional online source for high temperature wire disconnects, fully insulated quick disconnects and flag crimp terminals for electrical wire.

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27 Optical Connector Manufacturers in 2026

27 Optical Connector Manufacturers in 2026 This section provides an overview for optical connectors as well as their applications and principles. Also, please take a look at the list of 27 optical connector

High Temperature Ceramic Terminal Blocks | Products & Suppliers ...

Find High Temperature Ceramic Terminal Blocks related suppliers, manufacturers, products and specifications on GlobalSpec - a trusted source of High Temperature Ceramic Terminal Blocks

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