

RAST R-POWER CONNECTORS

Adding higher current for up to 10.0A that allows customers to have more design flexibility in home appliance applications

NPI ENHANCEMENT

GLOBAL RELEASE, AUGUST 2023

creating connections for life

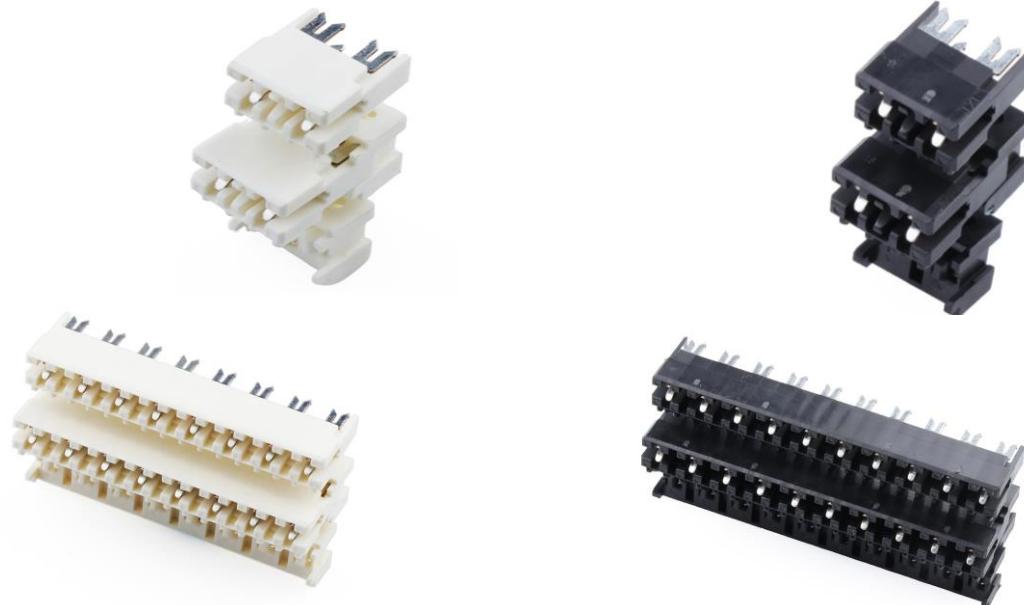


RAST R-POWER CONNECTORS

RAST Power and R-Power Connector Systems deliver up to 10.0A, and provide options for design flexibility and secure mating with overall cost savings for manufacturers.

Key Product Information

Category: Wire-to-Board Connectors
Current: up to 10.0A
Pitch: 1.25mm
Operating Temps: -40 to +120°C

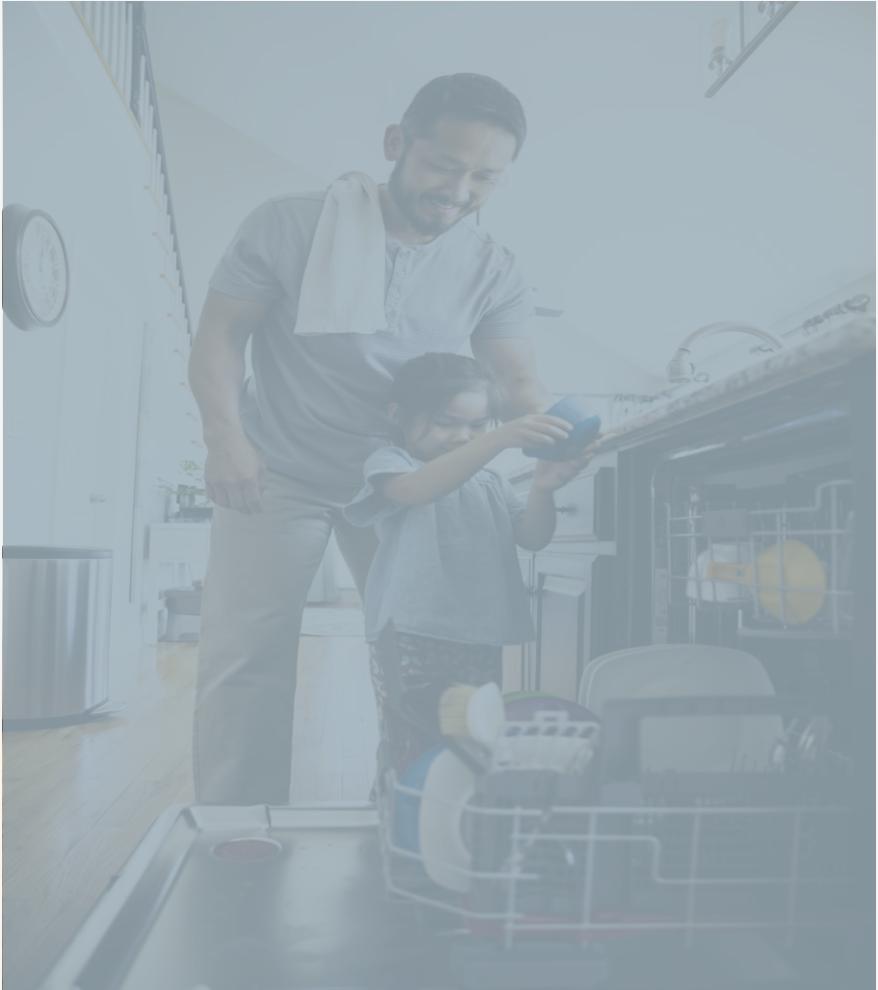


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Landing Page](#)

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Series
220330 Receptacle Housing Natural
220958 Receptacle Housing Black

VITAL PRODUCT INFORMATION



Excellent Reliability

With multiple keying and polarization options, and internal-locking latch, RAST Power Connectors help ensure correct, secure mating for reliable connections. These connectors allow users to avoid end-product failure for excellent technical performance.

Design Flexibility

RAST R-Power Connectors are available with 2 to 42 circuits, single and dual rows in vertical and right-angle configurations with Tin- and Gold-plating options. Customers can purchase all connectors from a single source and can order custom products as well for time- and money-saving opportunities.

Meets Safety Standards

RAST Power Connectors offer both glow wire capable and UL-94V0-rated versions to meet regulations across different countries and regions.

MARKETS AND APPLICATIONS



Automotive

- Automotive lighting



Appliances

- Washing machines
- Refrigerators
- Clothes dryers
- Dishwashers
- Coffee machines
- Vacuum cleaners

PRODUCT FEATURES AND ADVANTAGES

Provides design flexibility for a range of home appliance applications

RAST Power: 6.0 and 10.0A

RAST R-Power: up to 10.0A

Mates directly with PCB or via RAST 2.5 Headers

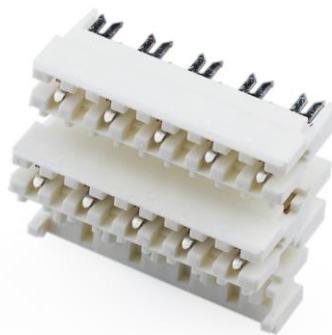
Direct and indirect mating

Compatible with industry standard terminal layouts

Standard and opposite PCB layout options

Ensures performance, safety and compliance with material specifications

Glow-wire, UL, CSA and VDE approved



Key Specifications

| | |
|-----------------------|-----------------------|
| Current (max.) | 10.0A |
| Voltage (max.) | US—110V Europe—250V |
| Durability (min.) | 10 cycles |
| Operating Temperature | -40 to +120°C |

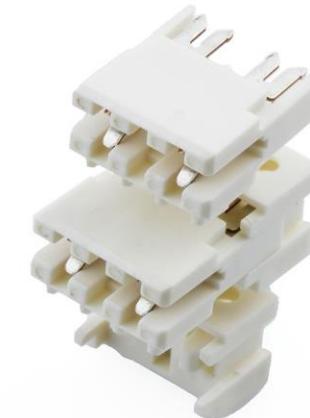
PRODUCT FEATURES AND ADVANTAGES CONT'D

Provides polarization on the PCB

PCB headers have staggered footprint

Secures mated connectors to eliminate accidental unmating

Passive latch/internal latch



RAST R-Power Connectors



THANK YOU

creating connections for life

molex