

# 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



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# 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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### 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**

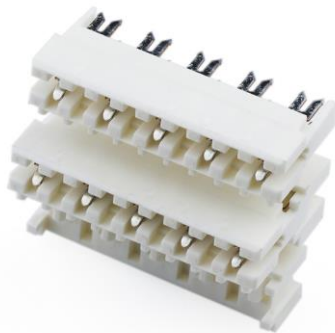
Direct and indirect mating

**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

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