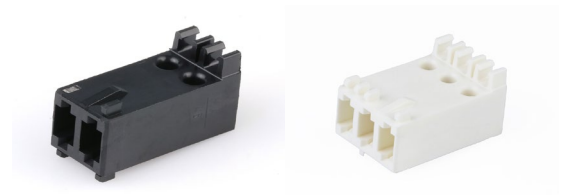


# RAST R5 Connectors >

RAST R5 Connectors offer significant cost savings, design flexibility and safety assurance for quality electrical performance in a compact package.



RAST R5 Connectors

## ADVANTAGES AND FEATURES

### Ensures performance, safety and compliance with material specifications

because it is UL CSA and VDE-approved and Glow Wire-capable

### Provides overall cost savings

due to direct- and indirect-mating options to the PCB

### Ideal for a variety of home appliance applications

as these connectors offer a wide range of current ratings

### Provides polarization on the PCB

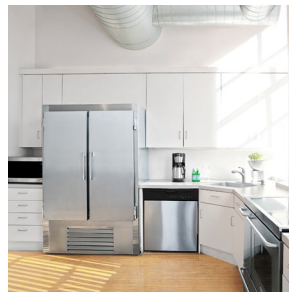
with headers that have a staggered footprint

Current	4.0, 10.0 and 16.0A
Number of Circuits	2 to 11
Pitch	5.00mm
Operating Temperatures	-20 to +120°C

## MARKETS AND APPLICATIONS

### Home Appliances

Clothes dryers  
Dishwashers  
HVAC  
Refrigerators  
Washing machines



Refrigerators



Washing Machines



Air Conditioning Units

# RAST R5 Connectors

## SPECIFICATIONS

### Reference Information

Packaging: Trays  
CSA: LR 19980  
UL File No.: E29179  
Designed In: Millimeters  
RoHS: Yes  
Halogen Free: No  
Glow Wire Capable: Yes

### Electrical

Voltage (max.): 250V AC  
Current: 4.0, 10.0 and 16.0A  
Contact Resistance (initial): 5 milliohms  
Dielectric Withstanding Voltage: 3000V  
Insulation Resistance: 10 Megohms

### Mechanical

IDT Retention Force:  
0.05mm<sup>2</sup> ≥ 70N  
0.75mm<sup>2</sup> ≥ 100N  
Durability (min.): 10 Cycles

### Physical

Housing: Nylon  
Contact: Copper Alloy  
Plating:  
Contact Area — Tin (10.0A)/Silver (16.0A)  
Operating Temperature: -20 to +120°C

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