

RAST 5 Connector System

molex

Part of the UL-94V0-rated and Glow-Wire-compatible RAST connector family, RAST 5 Connectors carry up to 16.0A

Features and Advantages

4.0, 10.0, 12.0 and 16.0A current rating

Ideal for a wide range of home appliance applications

PCB headers have staggered footprint

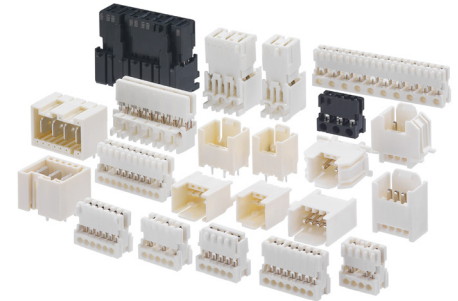
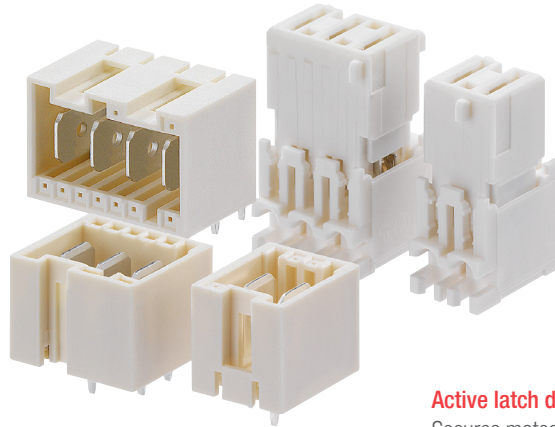
Provides polarization on the PCB

Direct and indirect mating

Mates directly with PCB or via headers

Glow-wire, UL, CSA and VDE approved

Ensures performance, safety and compliance with material specifications



RAST Connector System Family

Standard and opposite PCB layout options

Compatible with industry standard terminal layouts

Active latch design

Secures mated connectors to eliminate accidental unmating

Markets and Applications

Home Appliance

Washing machines
Dishwashers
Clothes dryers
Refrigerators
HVAC



Refrigerator



Washing Machine



Air Conditioning Units

RAST 5 Connector System



Specifications: RAST 5 Connectors

REFERENCE INFORMATION

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

ELECTRICAL

Voltage (max.): 250V AC
Current (max.): 4.0, 10.0, 12.0, 16.0A
Contact Resistance (initial): 5 milliohms
Dielectric Withstanding Voltage: 3000V
Insulation Resistance: 10 Megohms

MECHANICAL

IDT Retention Force:
0.05mm² ≥ 70N
0.75mm² ≥ 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

www.molex.com/link/rastsystem.html

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