

## R5696\*\*-K

### RAST 5 TERMINALS AND CONNECTORS · MALE CONNECTORS



**Specification** PCB RAST 5 Tab connectors

**Ways** 6

**Pitch** 5mm

**Contacts** Tabs 6.3 x 0.8 mm {material CuZn; finishing Sn}

**Counterpart** R5416\*\*-K, R5536\*\*-K

#### Thermal Characteristics

Part nr.	Raw material	Color	Flammability Class (UL 94)	Glow Wire Test (GWT) (IEC60695-2-11)	Glow Wire Flammability Index (IEC60695-2-12)	RTI electrical (Max. Operating Temp.)
R569640-K	PA66GF30V0NF	Natural	V2	(T.B.D.)	960°C	130°C

For other materials and colors ask to: [info@escubedo.com](mailto:info@escubedo.com)

**Temperature range** -40°C ... +130°C

#### Approved regulations

Part nr.	Approval	Standard	File	Certified framework
R569640-K	UL	UL 1977	E245592	V2 / RTI Elec., Max. Operating Temp, 105°C

#### Approvals



**Max. rated voltage** 250V (depending on mating connector and PC board in use)

**Max. rated current** 16A (depending on mating connector and PC board in use)

**Dielectrical strenght** 2.5kV (depending on material)

**Insulation resistance** > 10GΩ

**Creepage distances** 5.4mm

**Clearance distance** 4.2mm

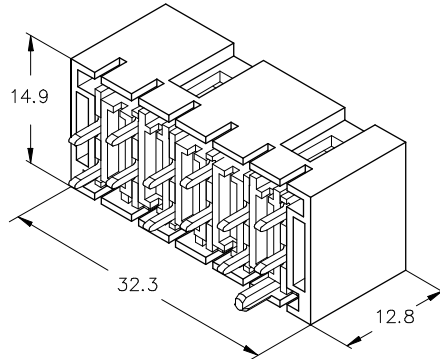
**Coding** RAST 5 coding system

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#### Drawing



(T.B.D.): To be determined

#### Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Updated datasheet	2025-07-30	E. Roura (laboratory dept.)	E. Turon (engineering dept.)
A1	Datasheet generated automatically [A1]	2025-07-07	E. Roura (laboratory dept.)	E. Turon (engineering dept.)

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