

Product Data Sheet

DIN 41612 Straight Connector Strip, Type F,
Part No. 109-40025

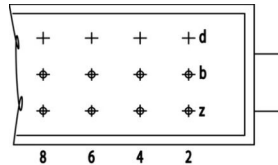
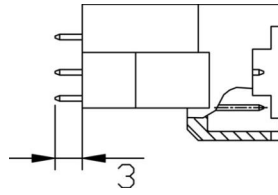
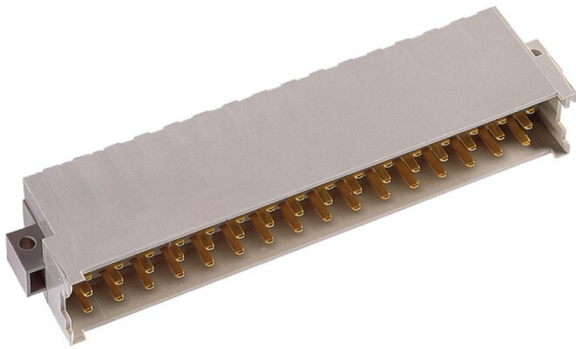


Illustration similar



Parallel



Through Hole



Power



Rugged

- Connection length: 3 mm
- Number of poles: 32
- Soldering Techniques
- Grade 2
- Flange at a 90° angle to the direction of the connection



» to product on www.ept.de



» to product group DIN 41612

Product Data Sheet

DIN 41612 Straight Connector Strip, Type F, Part No. 109-40025



Technical Specifications

Basics

| | |
|-----------------------------|-------------------------|
| Specification | IEC 60603-2 (DIN 41612) |
| Performance Level | 2 |
| No. of Contacts | 32 |
| Termination Technology | Soldering Techniques |
| Termination Length | 3 mm |
| Board-to-Board Distance | 24.4 mm & 34.1 mm |
| Operating Temperature Range | -55°C to +125°C |

Material

| | |
|-------------------------------|---------------------------------------|
| Insulator Material | Glass-fiber-reinforced PBT, UL 94 V-0 |
| CTI value <i>IEC 60112</i> | 200 |
| Contact Material | copper alloy |

Mechanical

| | |
|--------------------------|----------------------|
| Pitch | 5.08 x 3.81 mm |
| Mating Force | 50 N |
| Separating Force per Pin | >0.2 N |
| Durability | 400 insertion cycles |

Electrical

| | |
|------------------------|--------------------------|
| Operational Current | 5.6 A |
| Contact Resistance | 15 mΩ |
| Clearance and Creepage | W: ≥ 3.0 mm, L: ≥ 1.6 mm |
| Insulation Resistance | >10 ⁶ MΩ |
| Test Voltage | 1550 V |

Processing

| | |
|-----------------------|-------------|
| Soldering Temperature | up to 260°C |
|-----------------------|-------------|

Approval / Compliance

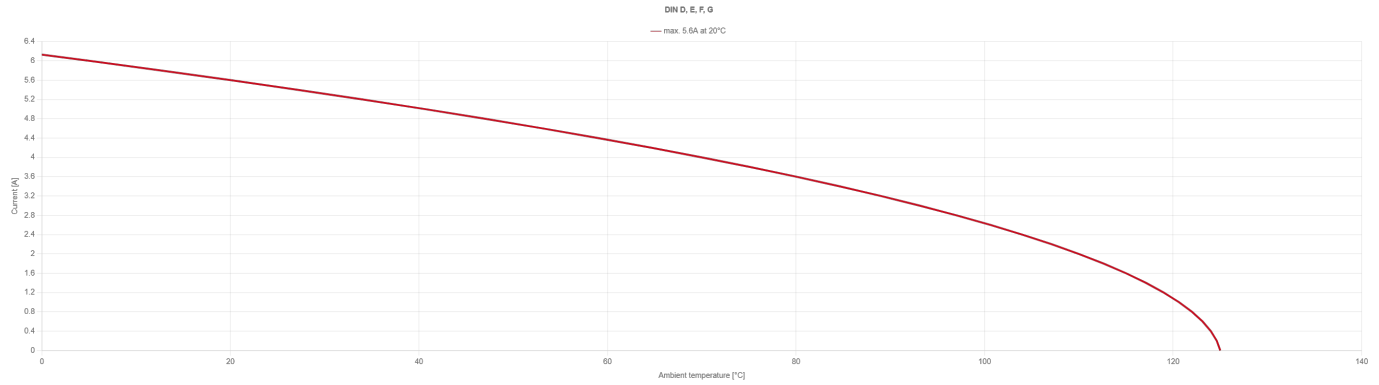
| | |
|-------------|----------------|
| UL file | E130314 |
| Environment | RoHS compliant |

Product Data Sheet

DIN 41612 Straight Connector Strip, Type F,
Part No. 109-40025



Derating Diagram



Product Data Sheet

DIN 41612 Straight Connector Strip, Type F,
Part No. 109-40025



Modifications

Available on request

- Premature contacts
- Special configuration
- Grade I + III or custom
- Custom length

Drawings

Component data for this product you can request through sales@ept.de