

Product Data Sheet

DIN 41612 straight Female, type D,
Part No. 106-40066

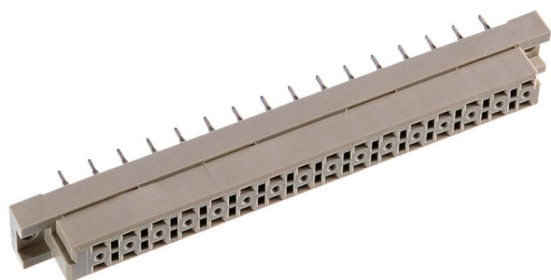
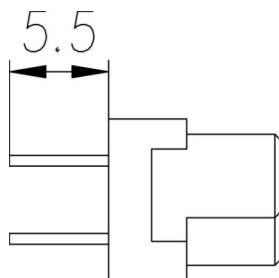
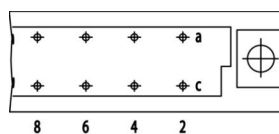


Illustration similar



Parallel



Perpendicular



Through Hole



Power



Rugged

- tail length 5.5 mm
- number of positions: 32
- hand soldering
- performance level 2



» to product on www.ept.de



» to product group DIN 41612

Product Data Sheet

DIN 41612 straight Female, type D,
Part No. 106-40066



Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	32
Termination Technology	solder termination
Termination Length	5.5 mm
Board-to-Board Distance	17.85 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 mm
Mating Force	40 N
Separating Force per Pin	> 0.15 N
Durability	400 mating cycles

Electrical

Operational Current	5.6 A
Test Voltage	1500 V
Contact Resistance	15 mΩ
Clearance and Creepage	≥ 3.0 mm
Insulation Resistance	> 10 ⁶ MΩ

Processing

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

Approval / Compliance

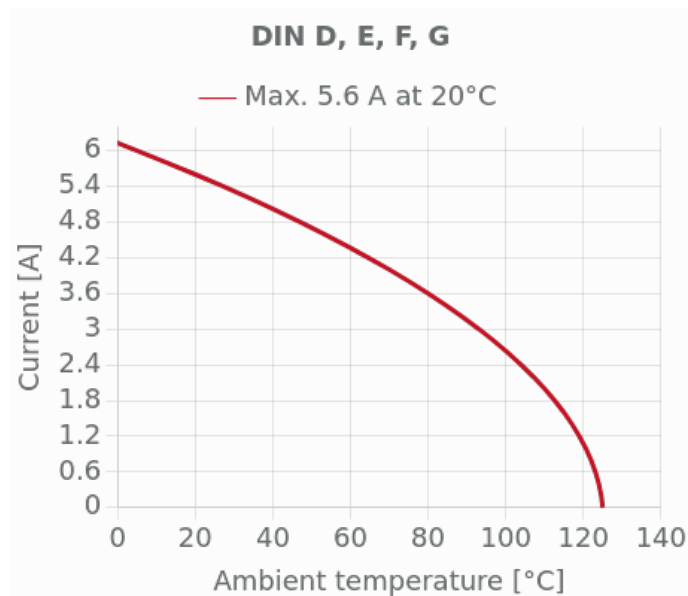
UL file	E130314
Environment	RoHS compliant

Product Data Sheet

DIN 41612 straight Female, type D,
Part No. 106-40066



Derating Diagram



Product Data Sheet

DIN 41612 straight Female, type D,
Part No. 106-40066



Modifications

Available on request

- without mounting flange
- Special lengths for connections
- Grade I + III or custom
- custom loading

Drawings

Component data in 2D and 3D format you can download here:

[» PDF](#)