

Product Data Sheet

DIN 41612 90° connector strip, H15 type,
Part No. 113-40060

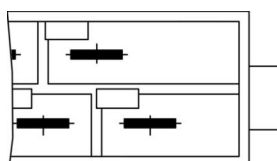
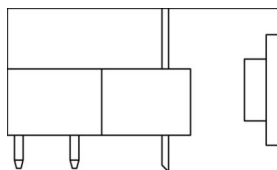
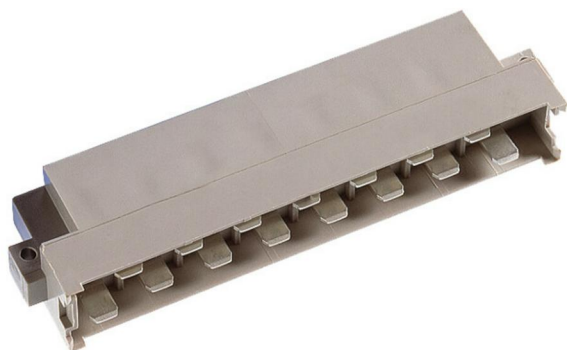


Illustration similar



Perpendicular



Through Hole



Power



Rugged

- Connection length: 3 mm
- Number of poles: 15
- Premature contact at position Z32
- Soldering Techniques
- Grade 1



» to product on www.ept.de



» to product group DIN 41612

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Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	15
Termination Technology	Soldering Techniques
Termination Length	3 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 6.0 mm
Mating Force	90 N
Separating Force per Pin	> 0.2 N
Durability	500 insertion cycles

Electrical

Operational Current	15 A
Test Voltage	3100 V
Contact Resistance	8 mΩ
Clearance and Creepage	W: ≥ 8.0 mm, L: ≥ 4.5 mm
Insulation Resistance	> 10 ⁶ MΩ

Processing

Soldering Temperature	up to 260°C
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Approval / Compliance

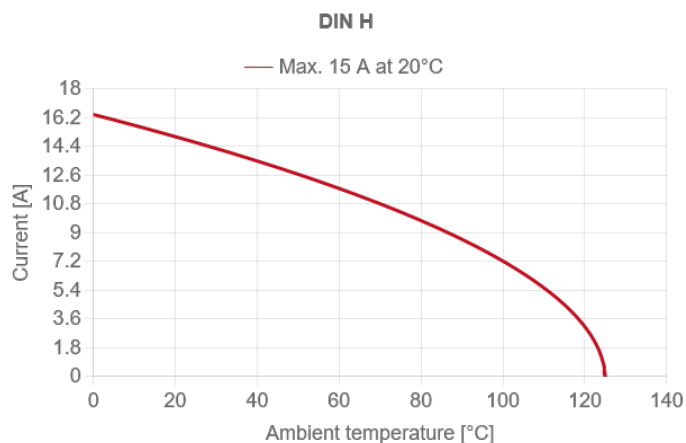
UL file	E130314
Environment	RoHS compliant

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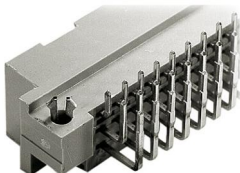
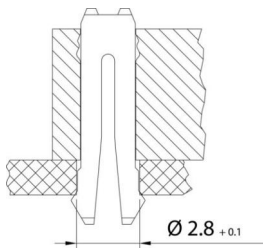
Derating Diagram



Options

Board Lock 90°

Suitable for connectors with type B, C, D, E, F, G male connectors and R female connectors



Type of Insertion	Forces			PCB Thickness	Part Number
	F _m	not soldered F _h	soldered F _h		
Locked	< 30 N	> 10 N	> 20 N	≤ 1.6 mm	113-40060C1
Under Tension	< 30 N	> 7.5 N	> 20 N	> 1.6 mm	

Modifications

Available on request

- Leading and trailing contacts
- Special configuration

Drawings

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

- » PDF
- » 3D IGES
- » 3D STEP
- » 3D PDF