

Product Data Sheet

DIN 41612 Female straight, type H15 low profile,
Part No. 114-40080

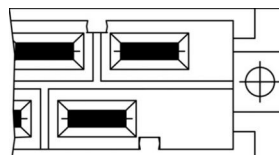
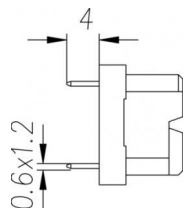
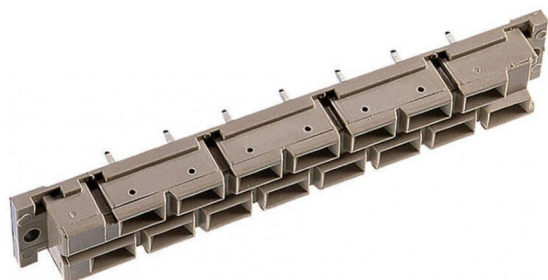


Illustration similar



Perpendicular



Through Hole



Power



Rugged

- Termination length 4 mm
- 15 contacts
- solder
- performance level 2



» 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	solder
Termination Length	4 mm
Operating Temperature Range	-55°C to +125°C

Material

Insulator Material	PBT glass filled UL 94 V-0
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 mating cycles

Electrical

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

Processing

Soldering Temperature	to 260°C
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Approval / Compliance

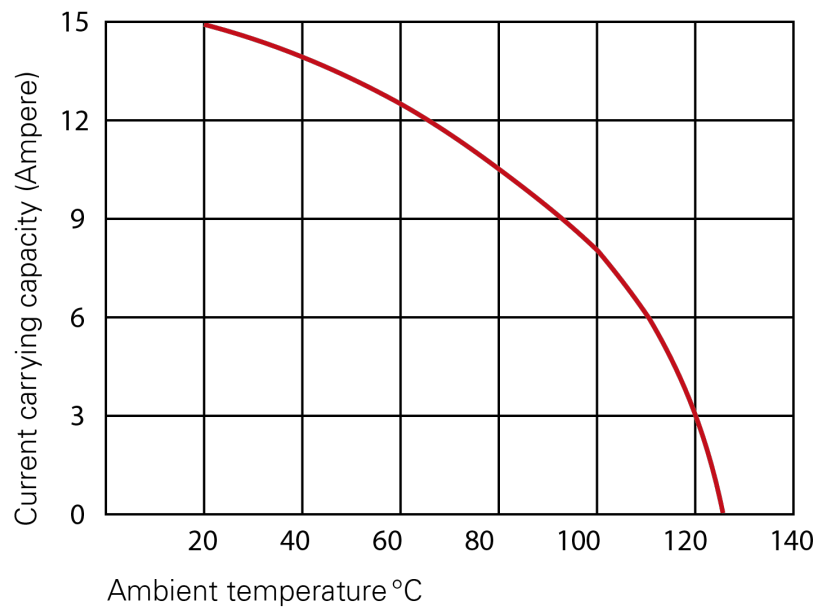
Environment	RoHS compliant
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Derating Diagram



Type H

20 °C	15 A
70 °C	11 A
100 °C	8 A

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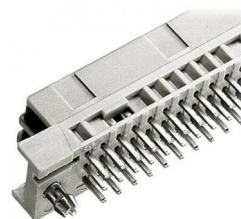
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Options

Board Lock

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



	Forces			Part Number	PCB Thickness
Type of Insertion	Fm	not soldered Fh	soldered Fh	114-40080C1	1.6 mm
Locked	< 20 N	> 10 N	> 25 N	114-40080C2	2.4 mm
Under Tension	< 20 N	> 5 N	> 25 N	114-40080C3	3.6 mm

Accessories

» DIN 41612 Coding type H11 and H15
Part Number 114-30000

Drawings

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

» [PDF](#)

» [3D IGES](#)

» [3D STEP](#)

» [3D PDF](#)