

Product Data Sheet

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

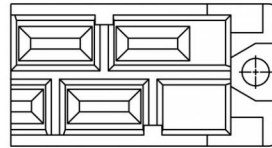
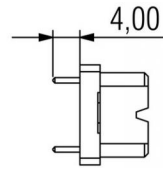
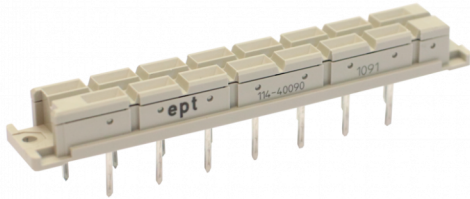


Illustration similar



Perpendicular



Through Hole



Power



Rugged

- Termination length 4 mm
- 15 contacts
- solder
- performance level 1



» to product on www.ept.de



» to product group DIN 41612

Product Data Sheet

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



Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	1
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
CTI value <i>IEC 60112</i>	200
Contact Material	Copper alloy

Mechanical

Pitch	10.16 x 6.5 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
-----------------------	----------

Approval / Compliance

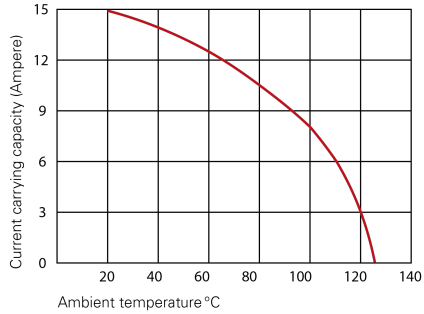
UL file	E130314
Environment	RoHS compliant

Product Data Sheet

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



Derating Diagram



Type H

20 °C	15 A
70 °C	11 A
100 °C	8 A

Product Data Sheet

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



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](#)