Product Data Sheet

DIN 41612 90° Male, type H11, Part No. 113-40020

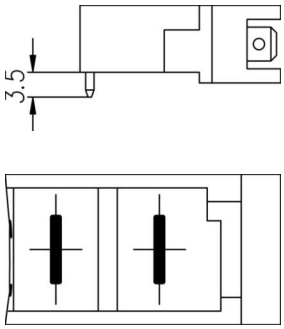

Illustration similar

Perpendicular

Through Hole

Power

Rugged

- tail length 3.5 mm
- number of positions: 9+2
- leading contact at positions 2 & 32
- solder termination
- performance level 1

» to product on www.ept.de

» to product group DIN 41612

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DIN 41612 90° Male, type H11, Part No. 113-40020

Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	11
Termination Technology	solder termination
Termination Length	3.5 mm
Operating Temperature Range	-55°C to +125°C

Material

Insulator Material	glass-fiber reinforced PBT, UL 94 V-0
CTI value *IEC 60112*	200
Contact Material	copper alloy

Mechanical

Pitch	7.62 mm
Mating Force	80 N
Separating Force per Pin	> 0.2 N
Durability	400 mating 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

Approval / Compliance

Environment	RoHS compliant

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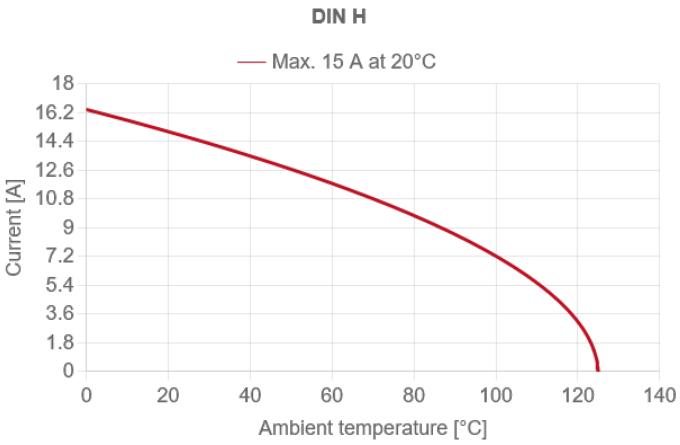
Derating Diagram



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Modifications

Available on request

- First mate, last-mate contacts
- custom loading

Drawings

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

» PDF

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