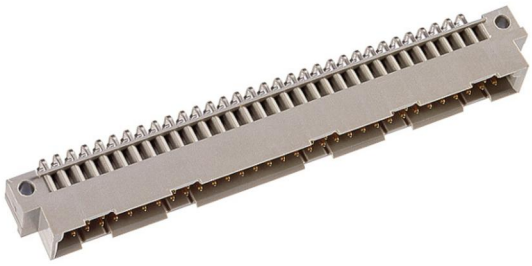
Product Data Sheet

DIN 41612 90° connector strip, Type B, Part No. 101-40064TH



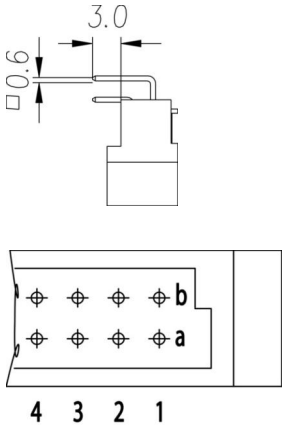


Illustration similar



Perpendicular | Horizontal | Through Hole | Rugged

- Connection length: 3 mm
- Number of poles: 64
- THTR
- Grade 2

» to product on www.ept.de

» to product group DIN 41612

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Product Data Sheet

DIN 41612 90° connector strip, Type B, Part No. 101-40064TH

Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	64
Termination Technology	THTR
Termination Length	3 mm
Operating Temperature Range	-55°C to +125°C

Material

Insulator Material	PA, glass-fiber reinforced, UL 94 V-0
CTI value *IEC 60112*	600
Contact Material	copper alloy

Mechanical

Pitch	2.54 mm
Mating Force	60 N
Separating Force per Pin	> 0.15 N
Durability	400 insertion cycles

Electrical

Operational Current	2.6 A
Test Voltage	1000 V
Contact Resistance	20 mΩ
Clearance and Creepage	≥ 1.2 mm
Insulation Resistance	$>10^6$ MΩ

Processing

Soldering Temperature	260°C according to J-STD-020
MSL	1

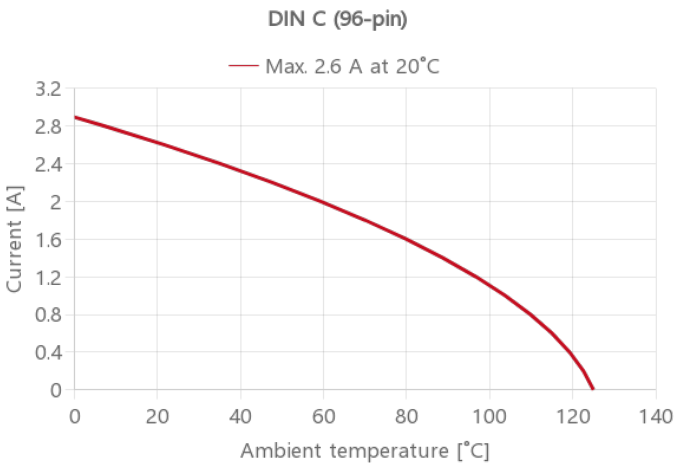
Approval / Compliance

UL file	E130314
Environment	RoHS compliant

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Derating Diagram

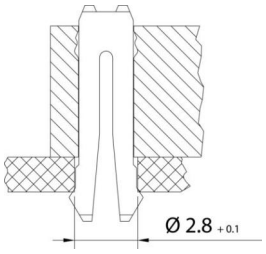


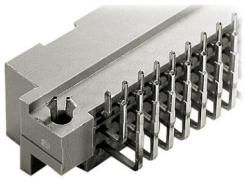
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Options

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	101-40064THC1
Under Tension	< 30 N	> 7.5 N	> 20 N	> 1.6 mm	

Modifications

Available on request

- Leading and trailing contacts
- Special configuration
- Grade I + III or custom
- Custom length

Accessories

» DIN 41612 Kodierzange
Artikelnummer 894-301

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Drawings

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

» PDF » 3D IGES » 3D STEP » 3D PDF

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