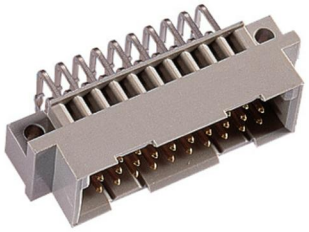
Product Data Sheet

DIN 41612 straight Male, type C/3, Part No. 103-80255



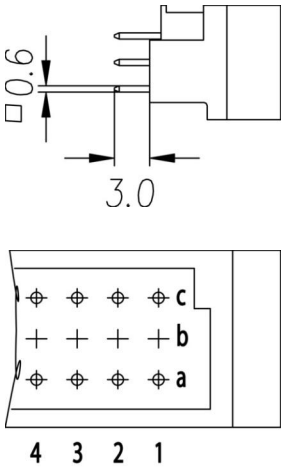


Illustration similar

Parallel | Perpendicular | Through Hole | Rugged

- tail length 3 mm
- number of positions: 20
- solder termination
- performance level 2
- Flange at a 90° angle to the direction of the connection

» to product on www.ept.de

» to product group DIN 41612

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Product Data Sheet

DIN 41612 straight Male, type C/3, Part No. 103-80255

Technical Specifications

Basics

Specification	IEC 60603-2 (DIN 41612)
Performance Level	2
No. of Contacts	20
Termination Technology	solder termination
Termination Length	3 mm
Board-to-Board Distance	17.85 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	2.54 mm
Mating Force	18 N
Separating Force per Pin	> 0.15 N
Durability	400 mating 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	up to 260°C

Approval / Compliance

UL file	E130314
Environment	RoHS compliant

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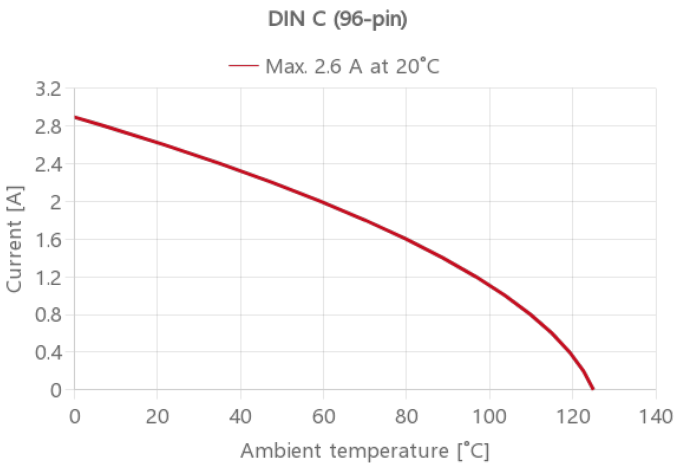
Derating Diagram



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Modifications

Available on request

- First mate, last-mate contacts
- custom loading
- Grade I + III or custom
- Custom length

Accessories

» DIN 41612 coding pliers
Part Number 894-301

Drawings

Component data for this product you can request through sales@ept.de

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