

Product Data Sheet

PC/104 Female,
Part No. 962-60202-12

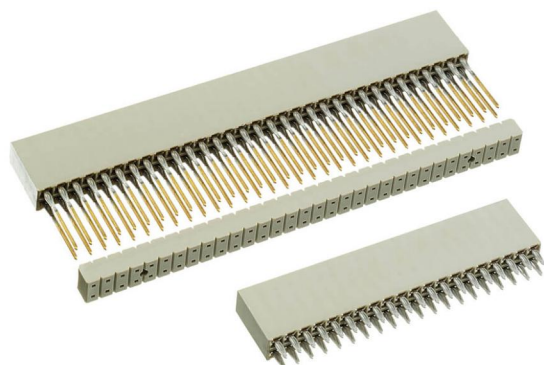
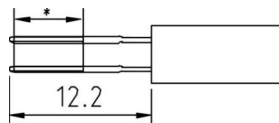


Illustration similar



Parallel



Press-fit

- tail length 12.2 mm
- number of positions: 40
- performance level 3



» to product on www.ept.de



» to product group PC/104, PC/104-Plus

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Technical Specifications

Basics

Specification	PC/104
Performance Level	3
No. of Contacts	40
Termination Technology	press-fit technology
Termination Length	12.2 mm
Board-to-Board Distance	15.24 mm
Operating Temperature Range	-55°C to +125°C

Material

Insulator Material	glass-fiber reinforced PBT, UL 94 V-0
Contact Material	copper alloy

Mechanical

Pitch	2.54 mm
Mating Force per Pin	max. 0.9 N
Separating Force per Pin	at least 0.6 N

Electrical

Operational Current	max. 1.9 A
Operational Voltage	150 V
Contact Resistance	20 mΩ
Clearance and Creepage	1.2 mm
Insulation Resistance	> 10 ⁶ MΩ

Approval / Compliance

UL file	E130314
Environment	RoHS compliant

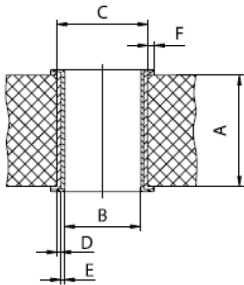
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Hole Specifications

Plated through-hole according to IEC 60352-5



Material	chem. Sn Leiterplatten
Nominal Hole	Ø 1.0 mm
A PCB Thickness	min. 1.44 mm
B Plated Hole	Ø 1.0 +0.09 / -0.06 mm
C Drill Hole	1.15 ±0.025 mm
D Cu Plating	min. 25 µm
E Surface	chem. Sn Schicht, max. 1.5 µm
F Annular Ring	min. 0.1 mm

Material	Ni, Au Leiterplatten
Nominal Hole	Ø 1.0 mm
A PCB Thickness	min. 1.44 mm
B Plated Hole	Ø 1.0 +0.09 / -0.06 mm
C Drill Hole	1.15 ±0.025 mm
D Cu Plating	min. 25 µm
E Surface	Ni, Au Schicht, 0.05 - 0.2 µm Au über 2.5 - 5 µm Ni
F Annular Ring	min. 0.1 mm

Material	rein Cu Leiterplatten
Nominal Hole	Ø 1.0 mm
A PCB Thickness	min. 1.44 mm
B Plated Hole	Ø 1.0 +0.09 / -0.06 mm
C Drill Hole	1.15 ±0.025 mm
D Cu Plating	min. 25 µm
E Surface	OSP, z.B. GLICOAT-SMD (F2) mit 0.12 - 0.15 µm
F Annular Ring	min. 0.1 mm

Material	HAL Sn Leiterplatten
Nominal Hole	Ø 1.0 mm
A PCB Thickness	min. 1.44 mm
B Plated Hole	Ø 1.0 +0.09 / -0.06 mm
C Drill Hole	1.15 ±0.025 mm
D Cu Plating	min. 25 µm
E Surface	HAL Sn, 5 - 15 µm
F Annular Ring	min. 0.1 mm

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Drawings

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

[» PDF](#)

[» 3D IGES](#)

[» 3D STEP](#)

[» 3D PDF](#)