

General

Productgroup	PowerFlex
Mounting type	Flexible Pressfit Techn
Material	Bronze
Surface	tin-plated +
Customs tariff number	85369095
Country of origin	Federal Republic of Germany
Weight per piecs ~	0.003380 kg

Technical data

Terminal / Type	Bolt / Metric
Thread/Diameter x Length	4.000 mm x 7.20 mm
Torque	1.20 Nm

Socket length x Socket width	8.900 mm x 8.80 mm
Socket height	6.15 mm
Socket rounded	no
Height total	18.10 mm
Height over pcb	13.35 mm
No. of Pins	4
Pin length	4.75 mm
Grid dimension X / Y	5.08 mm / 7.62 mm
Pin alignment	Edge

Processing

Press in force	160 N up to 1000 N
Retention force	
Press-in speed	100 mm/min. up to 250 mm/min.
PCB thickness	1.60 mm up to 3.20 mm
Notice	

Current carrying capacity

Part (20°C) ~ / (85°C) ~	60.000 A / 35.000 A
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Usage and storage

Temperature	-40°C up to +150°C
Storage	dry environment protected from weather conditions
Storage conditions	at +5°C up to +40°C, 75% RH, non-condensing

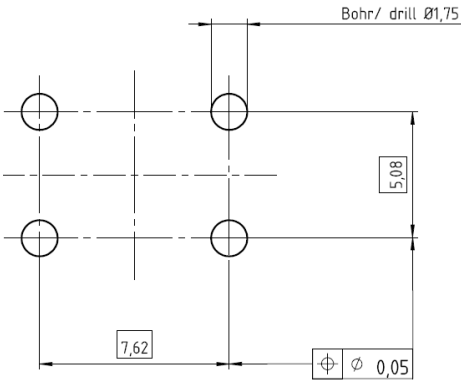
Accessories

Press in tool	
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Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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Standard drill pattern

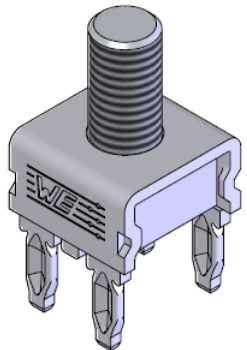
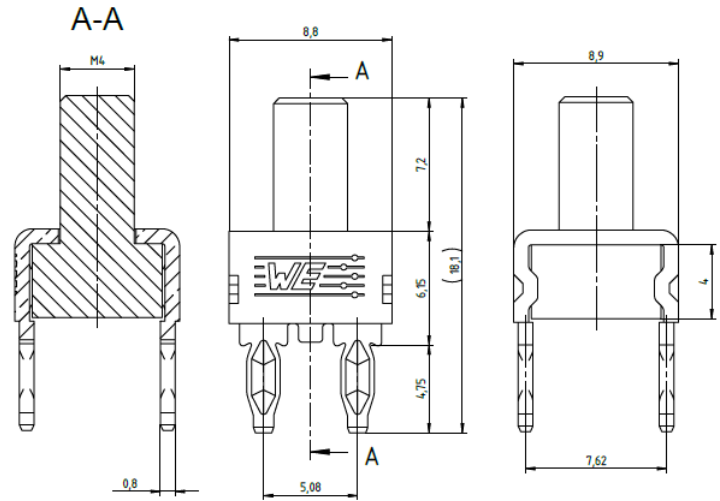


Drill hole specification for PCB

Drill Ø		drill tool	1,75 mm
		drill hole	1,75 mm +/- 0,025 mm
Cu		Cu – in Hole	Average 30 µm – 60 µm min. 25 µm, max. 80 µm *
End Ø		HAL chem. surfaces	(1,600 mm +/- 0,09 mm) (1,625 mm +/- 0,09 mm)
Note:	For Press-fit Technology drill diameter and copper thickness are fix. End Ø for reference only.		

* single measurement points in microsection

Dimensions



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General tolerances
DIN ISO 2768-mH

Projection mode

Revision	Date	All measures in
D	07.07.25	mm

Part no.

S95244

Description

PowerFlex Bolt vertical



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