

## General

Productgroup	LF PowerOne
Mounting type	Solid Pressfit Techn
Material	Brass lead-free (max. 0.1% Pb)
Surface	tin
Customs tariff number	
Country of origin	Federal Republic of Germany
Weight per pieces ~	0.004720 kg

## Technical data

Terminal / Type	blind hole / Metric
Thread/Diameter x Length	5.000 mm x 5.00 mm
Torque	2.20 Nm

Socket length x Socket width	9.000 mm x 9.00 mm
Socket height	7.00 mm
Socket rounded	no
Height total	10.50 mm
Height over pcb	7.00 mm
No. of Pins	16
Pin length	3.50 mm
Grid dimension X / Y	2.54 mm / 2.54 mm
Pin alignment	Full plain

## Processing

Press in force	960 N up to 4000 N
Retention force	60-80 % of press-in 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) ~	160.000 A / 96.000 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

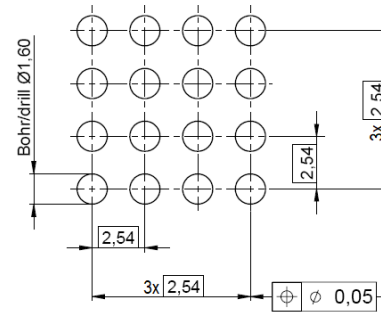
## Packaging

packaging quantity	0.000 pcs
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## Accessories

Press in tool

## Standard drill pattern



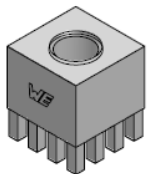
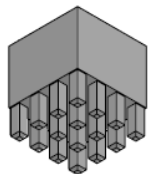
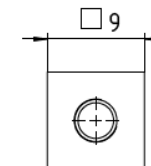
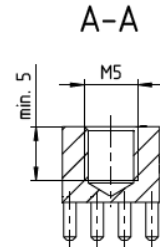
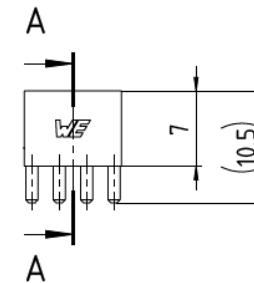
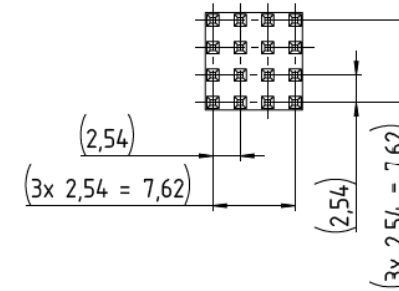
## Drill hole specification for PCB

Drill Ø		drill tool	1,60 mm
		drill hole	1,60 mm - 0,025 mm
Cu		Cu - in Hole	Average 30 µm - 60 µm min. 25 µm, max. 80 µm *
End Ø		HAL chem. surfaces	(1,450 mm +/- 0,05 mm) (1,475 mm +/- 0,05 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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Generaltolerances

DIN ISO 2768-mH

Projection mode



Revision	Date	All measures in
A	08.06.21	mm

Part no.

**LF990105**

Description

**LF PowerOne Bush vertical blind hole**

