

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 ~ 0.001860 kg

Technical data

Terminal / Type Bolt / Metric
Thread/Diameter x Length 3.000 mm x 5.00 mm
Torque 0.50 Nm

Socket length x Socket width 7.000 mm x 7.00 mm
Socket height 3.00 mm
Socket rounded no
Height total 11.50 mm
Height over pcb 8.00 mm
No. of Pins 9
Pin length 3.50 mm
Grid dimension X / Y 2.54 mm / 2.54 mm
Pin alignment Full plain

Processing

Press in force 540 N up to 2250 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) ~ 90.000 A / 54.000 A

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

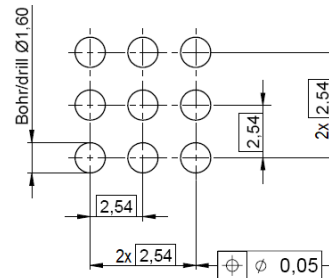
Packaging

packaging quantity 0.000 pcs

Accessories

Press in tool

Standard drill pattern



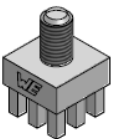
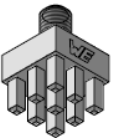
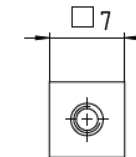
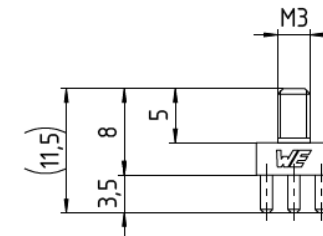
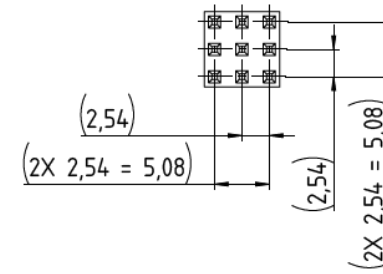
Drill hole specification for PCB

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.

LF992103

Description

LF PowerOne Bolt vertical

