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 piecs ~	0.010000 kg

Technical data

Terminal / Type	Buchse Durchgang / Metric
Thread/Diameter x Length	6.000 mm x 8.00 mm
Torque	3.90 Nm
Socket length x Socket width	13.000 mm x 13.00 mm
Socket height	8.00 mm
Socket rounded	yes
Height total	11.50 mm
Height over pcb	8.00 mm
No. of Pins	16
Pin length	3.50 mm
Grid dimension X / Y	2.54 mm / 2.54 mm
Pin alignment	Circumference with hole

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) ~	240.000 A / 144.000 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

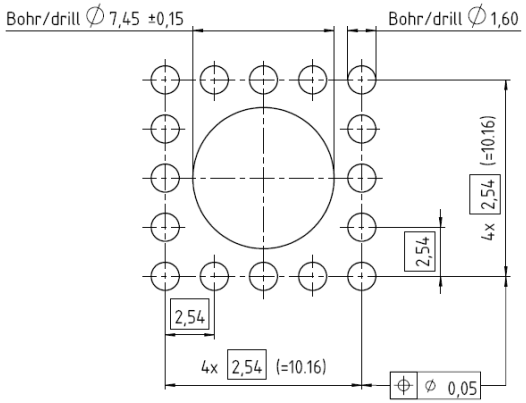
Packaging

packaging quantity	0.000 pcs

Accessories

Press in tool

Standard drill pattern



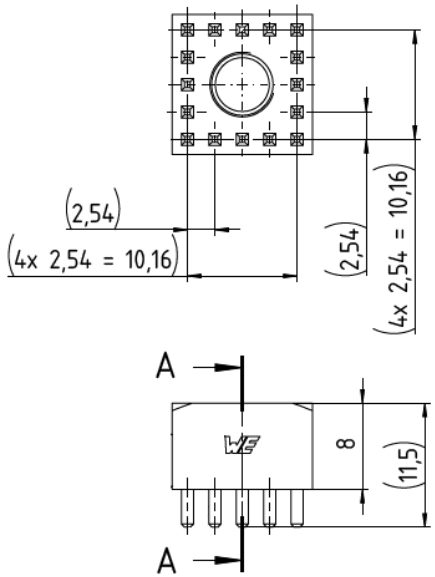
Drill hole specification for PCB

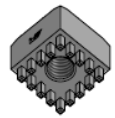
Drill Ø		drill tool drill hole	1,60 mm 1,60 mm - 0,025 mm
Cu		Cu – in Hole	Average 30 µm – 60 µm min. 25 µm, max. 80 µm *
End Ø		HAL chem. surfaces	(1,450 mm +/- 0,05 mm) (1,475 mm +/- 0,05 mm)

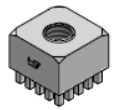
Note: For Press-fit Technology drill diameter and copper thickness are fix. End Ø for reference only.

* single measurement points in microsection

Dimensions







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Generaltolerances		Projection mode
DIN ISO 2768-mH		
Revison	Date	All measures in
A	08.06.21	mm

Part no.

LF991106

Description

LF PowerOne Bush vertical through hole

RoHS COMPLIANT
LEAD-FREE
Pb <0,1 %