

General

Productgroup LF PowerTwo
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 ~ 0.002000 kg

Technical data

Terminal / Type Buchse Durchgang / Diameter
Diameter x Length 6.200 mm x 3.10 mm

Socket length x Socket width 10.000 mm x 10.00 mm
Socket height 3.10 mm
Socket rounded
Height total 6.60 mm
Height over pcb 3.10 mm
No. of Pins 12
Pin length 3.50 mm
Grid dimension X / Y 2.85 mm / 2.85 mm
Pin alignment Circumference with hole

Processing

Press in force 720 N up to 3000 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) ~ 180.000 A / 108.000 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

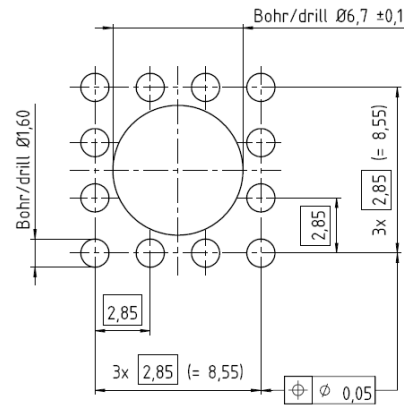
Packaging

packaging quantity 0.000 pcs

Accessories

Press in tool

Standard drill pattern



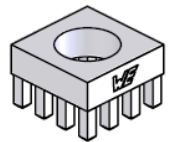
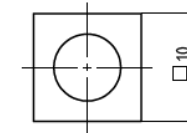
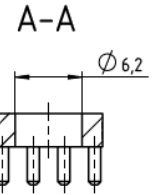
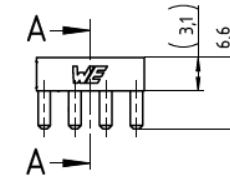
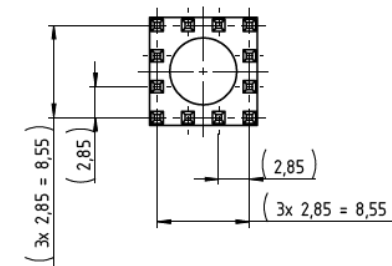
Drill hole specification for PCB

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

DIN ISO 2768-mH

Projection mode



Revision	Date	All measures in
A	08.06.21	mm

Part no.

LF990202

Description

LF PowerTwo Basic Element

