

## General

Productgroup	LF PowerOne SMD
Mounting type	SMT
Material	Brass lead-free (max. 0.1% Pb)
Surface	tin-plated +
Customs tariff number	
Country of origin	Federal Republic of Germany
Weight per piece ~	0.000900 kg

## Technical data

Terminal / Type	Bush through hole / Metric
Thread/Diameter x Length	3.000 mm x 4.00 mm
Torque	0.50 Nm

Socket diameter	7.000 mm
Socket height	3.00 mm
Height total	4.00 mm
Height over pcb	3.00 mm
No. of Pins	1
Pin length	1.00 mm
Pin alignment	Centering

## Processing

PCB thickness	min. 1.00 mm
Recommendation Solder cream thickness	150 µm
Notice	

## Current carrying capacity

Part (20 °C) ~ / (85 °C) ~	50.000 A / 30.000 A
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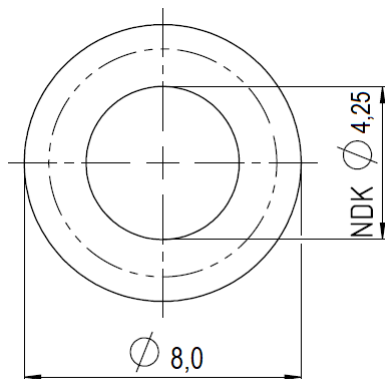
## Usage and storage

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

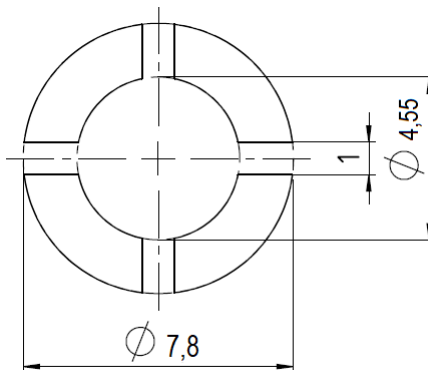
## Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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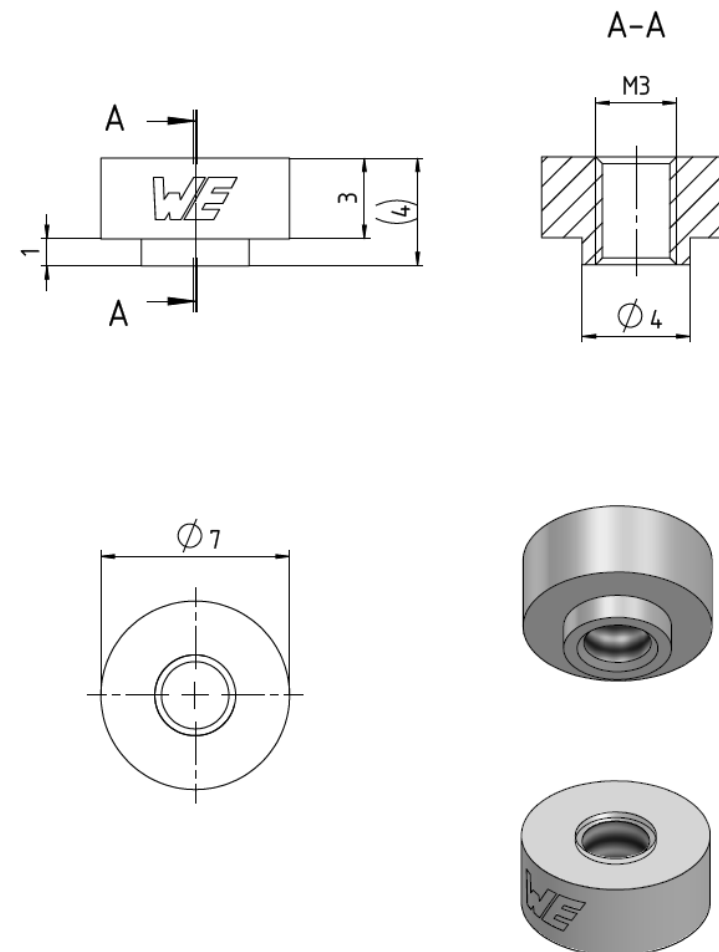
## Solder pad recommendation



## Stencil design recommendation



## Dimensions



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## General tolerances

DIN ISO 2768-mH

## Projection mode



## Revision

B

## Date

16.07.25

## All measures in

mm

## Part no.

**LF994003**

## Description

**LF PowerOne SMD Bush vertical  
through hole with centering**

