

General

Productgroup	LF PowerOne SMD
Mounting type	SMT
Material	Brass lead-free (max. 0.1% Pb)
Surface	tin
Customs tariff number	
Country of origin	Federal Republic of Germany
Weight per pieces ~	0.001300 kg

Technical data

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

Socket diameter	7.000 mm
Socket height	3.00 mm
Height total	9.00 mm
Height over pcb	8.00 mm
No. of Pins	1
Pin length	1.00 mm
Pin alignment	Centering pin

Processing

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

Current carrying capacity

Part (20°C) ~ / (85°C) ~	70.000 A / 42.000 A
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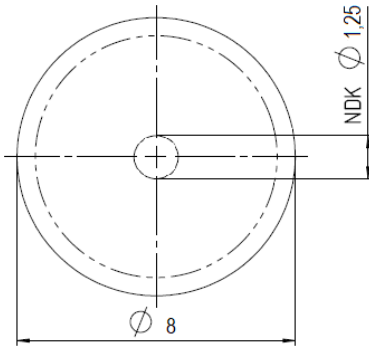
Usage and storage

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

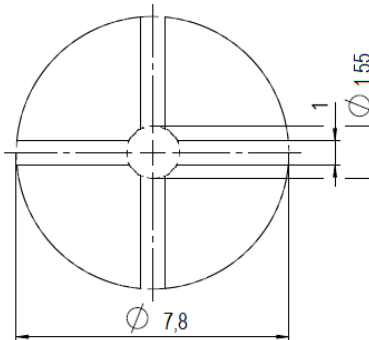
Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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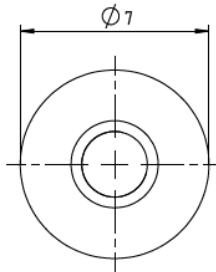
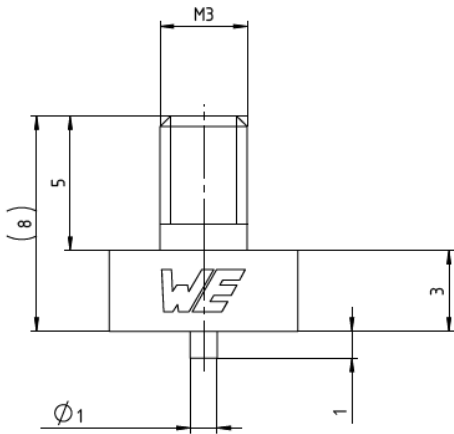
Solder pad recommendation



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.

LF991003

Description

**LF PowerOne SMD Bolt vertical with
centering pin**



**RoHS
COMPLIANT**
LEAD-FREE
Pb < 0,1 %