

General

Productgroup	LF PowerOne SMD
Mounting type	SMT
Material	Brass lead-free (max. 0.1% Pb)
Surface	tin
Customs tariff number	85369095
Country of origin	Federal Republic of Germany
Weight per piece ~	0.003700 kg

Technical data

Terminal / Type	Bolt / Metric
Thread/Diameter x Length	5.000 mm x 8.00 mm
Torque	2.20 Nm

Socket diameter	9.000 mm
Socket height	4.50 mm
Height total	12.50 mm

Processing

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

Current carrying capacity

Part (20°C) ~ / (85°C) ~	125.000 A / 75.000 A
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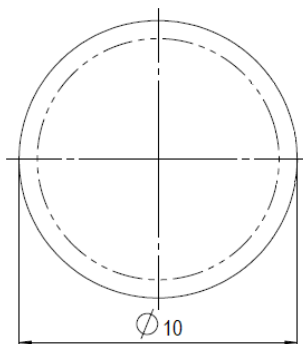
Usage and storage

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

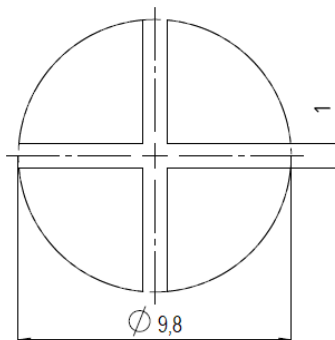
Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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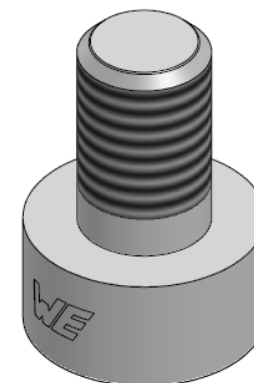
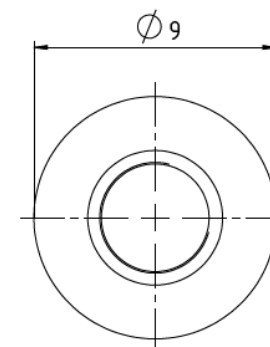
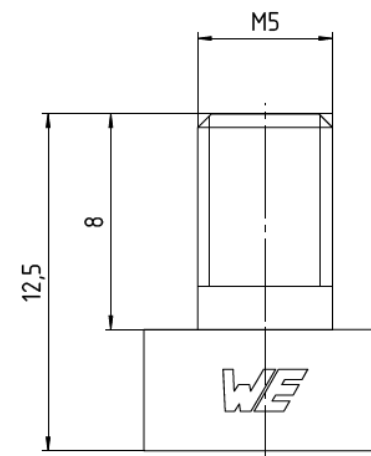
Solder pad recommendation



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.

LF990005

Description

LF PowerOne SMD Bolt vertical

