

General

Productgroup	PowerOne SMD
Mounting type	SMT
Material	Brass
Surface	tin-plated +
Customs tariff number	85369095
Country of origin	Federal Republic of Germany
Weight per piece ~	0.008000 kg

Technical data

Terminal / Type	Bolt / Metric
Thread/Diameter x Length	6.000 mm x 10.00 mm
Torque	3.90 Nm

Socket length x Socket width	13.000 mm x 13.00 mm
Socket height	4.50 mm
Socket rounded	yes
Height total	14.50 mm
Height over pcb	14.50 mm

Processing

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

Current carrying capacity

Part (20°C) ~ / (85°C) ~	217.000 A / 130.000 A
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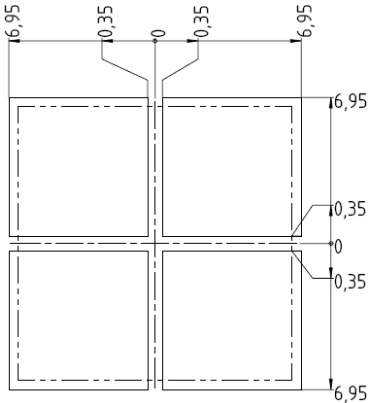
Usage and storage

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

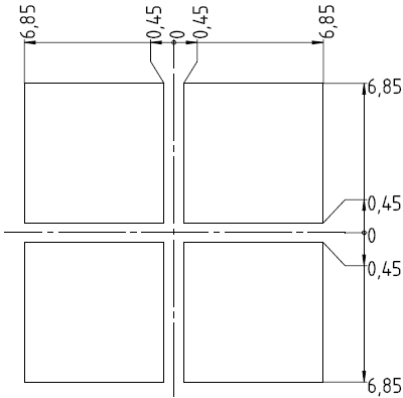
Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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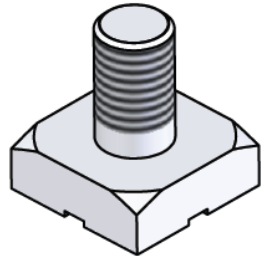
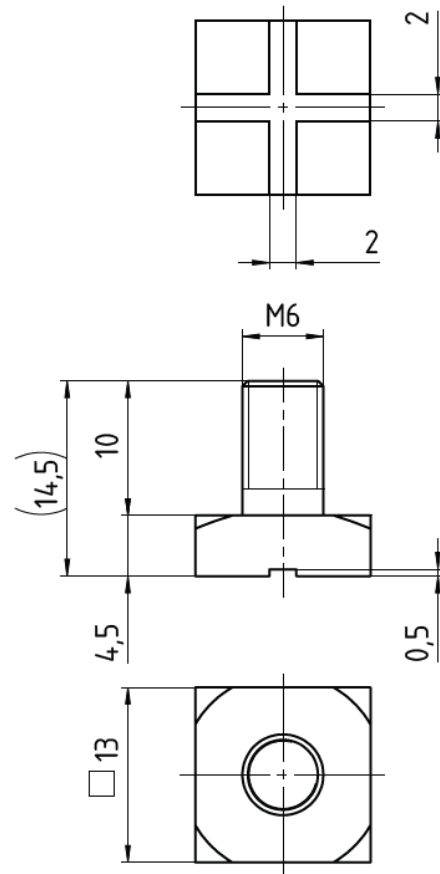
Solder pad recommendation



Stencil design recommendation



Dimensions



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General tolerances
DIN ISO 2768-mH

Projection mode



Revision	Date	All measures in
C	03.07.25	mm

Part no.

K97878

Description

PowerOne SMD Bolt



REACH
COMPLIANT



RoHS
COMPLIANT