

General

Productgroup	PowerOne THR
Mounting type	THR
Material	Brass
Surface	tin-plated +
Customs tariff number	85369095
Country of origin	Federal Republic of Germany
Weight per pieces ~	0.004600 kg

Technical data

Terminal / Type	Bush through hole / Metric
Thread/Diameter x Length	4.000 mm x 7.50 mm
Torque	1.20 Nm
Socket length x Socket width	9.000 mm x 9.00 mm
Socket height	8.00 mm
Socket rounded	no
Height total	11.00 mm
Height over pcb	8.00 mm
No. of Pins	4
Pin length	3.00 mm
Grid dimension X / Y	6.00 mm / 6.00 mm
Pin alignment	Edge

Processing

Press in force	0 N up to 0 N
Retention force	
Press-in speed	0 mm/min. up to 0 mm/min.
PCB thickness	1.60 mm up to 3.20 mm
Notice	

Current carrying capacity

Part (20 °C) ~ / (85 °C) ~	72.000 A / 44.000 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

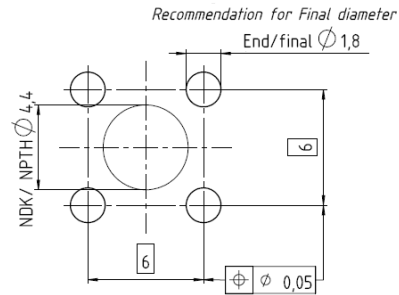
Accessories

Press in tool

Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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Standard drill pattern

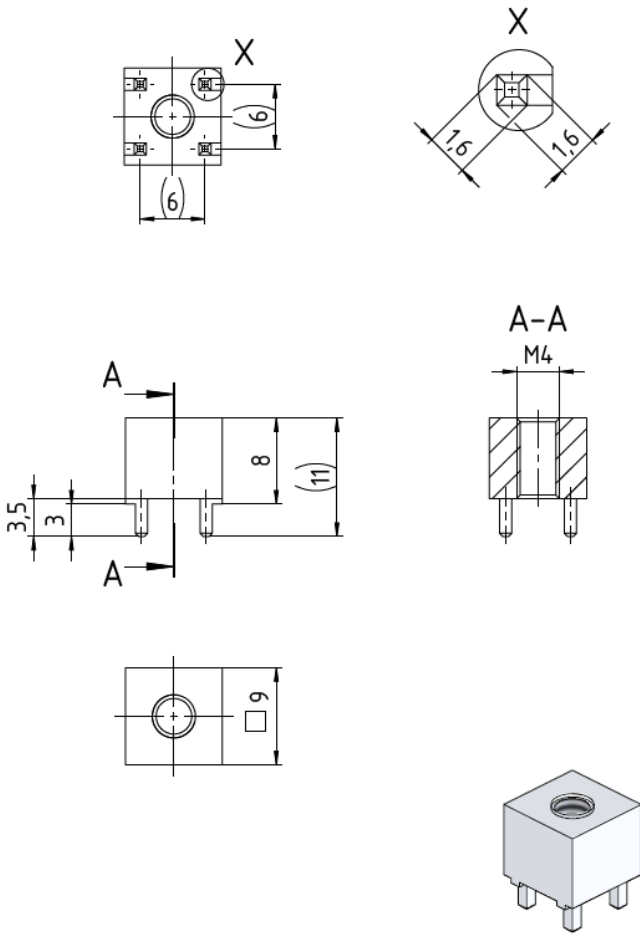


Drill hole specification for PCB

Cu		Cu – in Hole	Average min. 25 µm *
End Ø		HAL chem. surfaces	(1,800 mm +0,1 / -0,05 mm) (1,800 mm +0,1 / -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

E

Date

03.07.25

All measures in

mm

Part no.

K99654

Description

PowerOne THR Bush vertical through hole



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