

General

Productgroup	PowerOne
Mounting type	Massive Pressfit Techn
Material	Brass
Surface	silver
Customs tariff number	85369095
Country of origin	Federal Republic of Germany
Weight per piece ~	0.015110 kg

Technical data

Terminal / Type	Bolt / Diameter
Thread/Diameter x Length	6,000 mm x 0,00 mm
Torque	0,00 Nm

Socket length x Socket width	9,000 mm x 9,00 mm
Socket height	15,00 mm
Socket rounded	no
Height total	37,00 mm
Height over pcb	33,50 mm
No. of Pins	16
Pin length	3,50 mm
Grid dimension X / Y	2,54 mm / 2,54 mm
Pin alignment	Full plain

Processing

Press in force	960 N up to 4000 N
Retention force	
Press-in speed	100 mm/min. up to 250 mm/min.
PCB thickness	1.60 mm up to 3.20 mm
Notice	

Current carrying capacity

Part (20°C) ~ / (85°C) ~	160.000 A / 96.000 A
--------------------------	----------------------

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

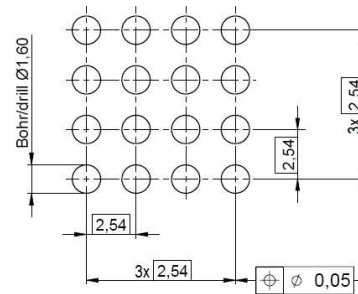
Packaging

packaging quantity	208.000 pcs
--------------------	-------------

Accessories

Press in tool	
---------------	--

Standard drill pattern



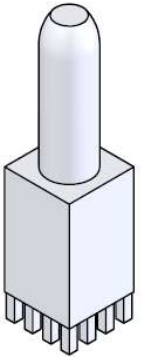
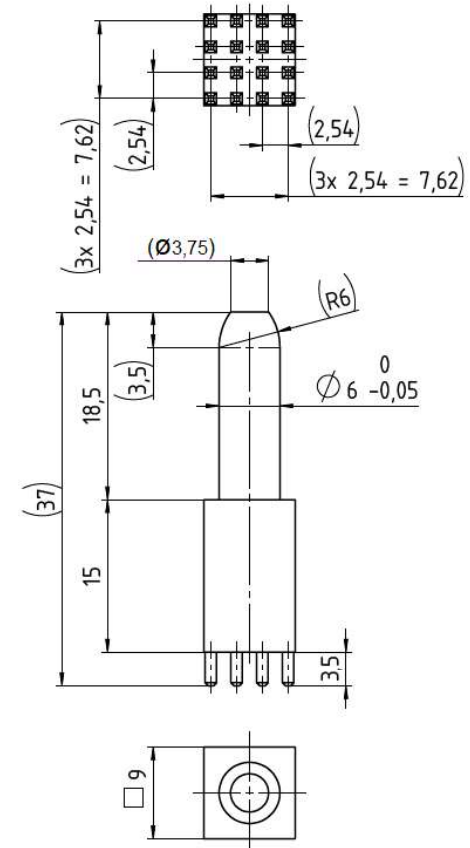
Drill hole specification for PCB

Drill Ø		drill tool	1,60 mm
		drill hole	1,60 mm - 0,025 mm
Cu		Cu - in Hole	Average 30 µm - 60 µm min. 25 µm, max. 80 µm *
End Ø		HAL	(1,450 mm +/- 0,05 mm)
		chem. surfaces	(1,475 mm +/- 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



Würth Elektronik ICS GmbH & Co. KG
Würthstraße 1 74676 Niedernhall, Germany
P +49 7940 9810-4444 powerelement@we-online.de
www.powerelement.com

Observe protective note ISO 16016. Passing on or duplication without previous written agreement forbidden, Violations oblige to compensation, All rights reserved in the event of a patent or utility model protection. Subject to change without notice! Is NOT subject to change service!

General tolerances

DIN ISO 2768-mH

Revision	Date	All measures in
D	07.02.25	mm

Projection mode



Part no.

K900146

Description

PowerOne Bolt vertical



REACH
COMPLIANT



RoHS
COMPLIANT