

General

Productgroup	PowerSocket Fuse
Mounting type	Massive Pressfit Techn
Material	Bronze
Surface	tin
Customs tariff number	85366930
Country of origin	Federal Republic of Germany
Weight per pi	0.001308 kg

Technical data

Terminal	blind hole
Socket length x Socket width	9.00 mm x 5.50 mm
Socket height	14.00 mm
Height total	18.00 mm
Height over pcb	14.00 mm
No. of Pins	2
Pin length	4.00 mm
Grid dimension X / Y	2.54 mm / 0.00 mm
Pin alignment	Two row

Processing

Press in force	80 N up to 500 N
Retention force	60-80 % of press-in 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) ~	Depending on component to be contacted
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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

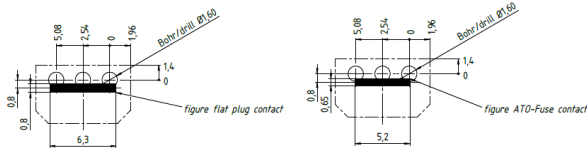
Accessories

Press in tool

Co-applicable documents

Powerelement Guidelines	Link to Powerelement Guidelines
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Standard drill pattern



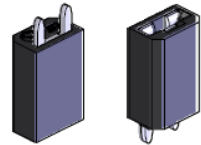
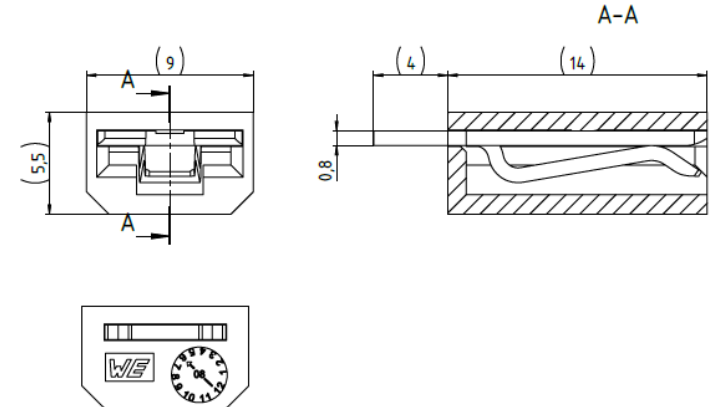
Drill hole specification for PCB

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



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General tolerances
DIN ISO 2768-mH

Projection mode



Revision	Date	All measures in
B	28.08.25	mm

Part no.

S95212

Description

PowerSocket Fuse ATO®-1P



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