

General

Productgroup	PowerSocket Relay
Mounting type	Massive Pressfit Techn
Material	Bronze
Surface	tin
Customs tariff number	85366930
Country of origin	Federal Republic of Germany
Weight per piecs ~	0.007500 kg

Technical data

Terminal blind hole

Socket length x Socket width	26.00 mm x 23.40 mm
Socket height	14.00 mm
Height total	18.00 mm
Height over pcb	14.00 mm
No. of Pins	10
Pin length	4.00 mm
Grid dimension X / Y	2.54 mm / 2.54 mm
Pin alignment	Full plain

Processing

Press in force	400 N up to 2500 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

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

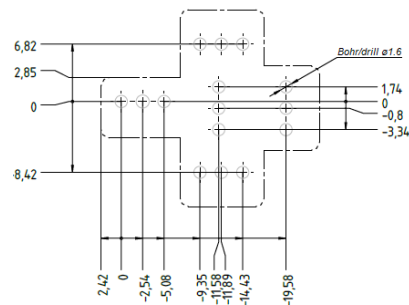
Accessories

Press in tool

Co-applicable documents

Powerelement Guidelines [Link to Powerelement Guidelines](#)

Standard drill pattern

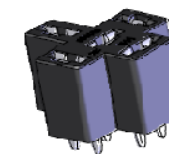
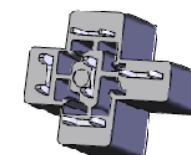
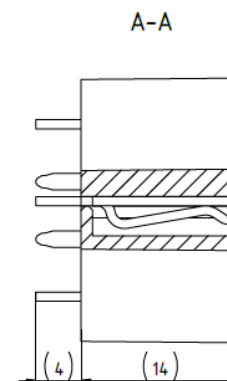
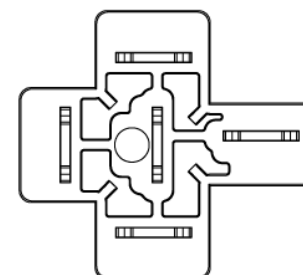
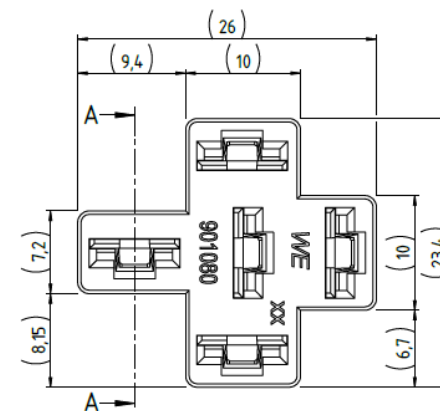


Drill hole specification for PCB

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

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

Projection mode



Revision	Date	All measures in
A	28.08.25	mm

Part no.

S901080

Description

PowerSocket Relay Mini-5P



**REACH
COMPLIANT**



RoHS
COMPLIANT