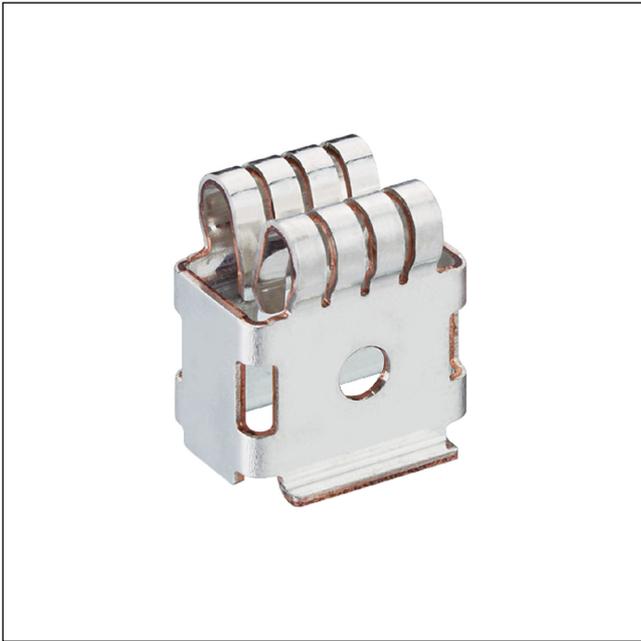


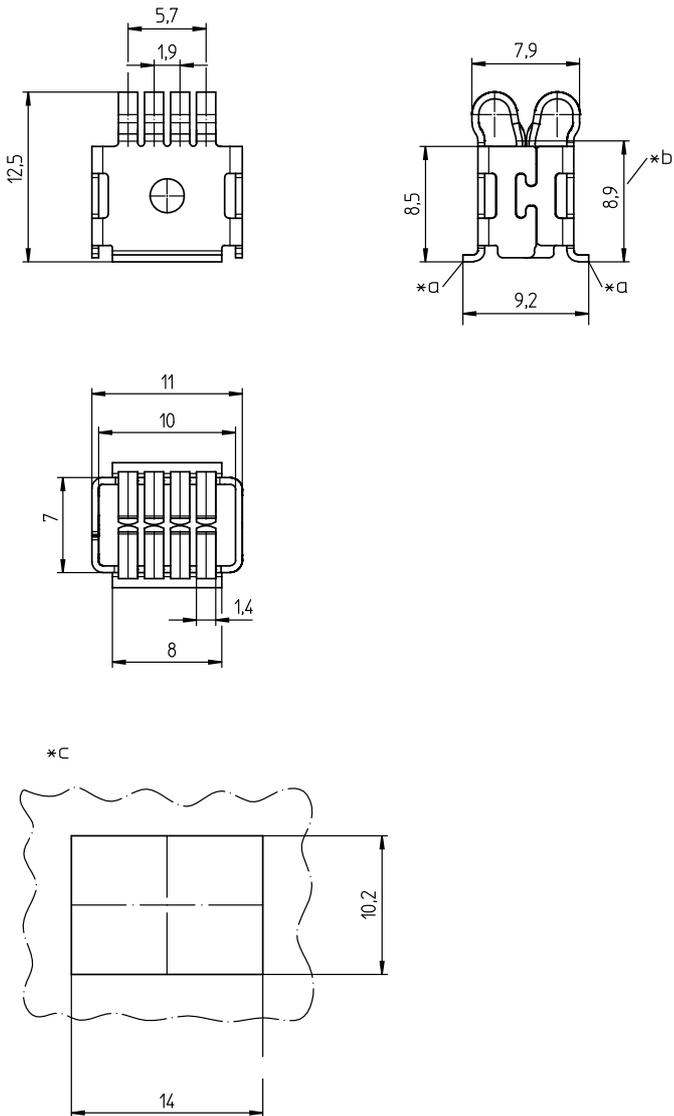
45 4580 04 OP T1,0

High-current contact elements



High-current contact bush, for tab contacts 1.0 mm, for printed circuit boards or lead frames

45 4580 04 OP T1,0



Environmental conditions

Temperature range -40 °C/+120 °C

Materials

Contact CuNiSi alloy, tin-plated

Mechanical data

Mating with tab contact 8.0 mm x 1.0 mm
applicable for reflow soldering on
printed circuit board
applicable for laser welding on
lead frame, e.g. Cu, tin-plated

Mating cycles ≤ 5
Insertion force 30 N ± 10 N¹
Withdrawal force 10 N ± 5 N¹

¹ measured with a polished steel pin, nominal dimensions 8.0 x 1.0 mm

Electrical data (at T_{amb} 20 °C)

Contact resistance < 1 mΩ
Rated current 75 A
(up to 200 A)¹

¹ depending on the connection to the printed circuit board/lead frame, installation situation and heat dissipation

- *a supporting surface for reflow soldering or laser welding
- *b height contact point
- *c mounting space on printed circuit board or lead frame

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4580 04 OP T1,0

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
4580 04 OP T1,0 V11VP12	1	300	2400

Packaging:

on reel (7 reels at 300 pieces)