

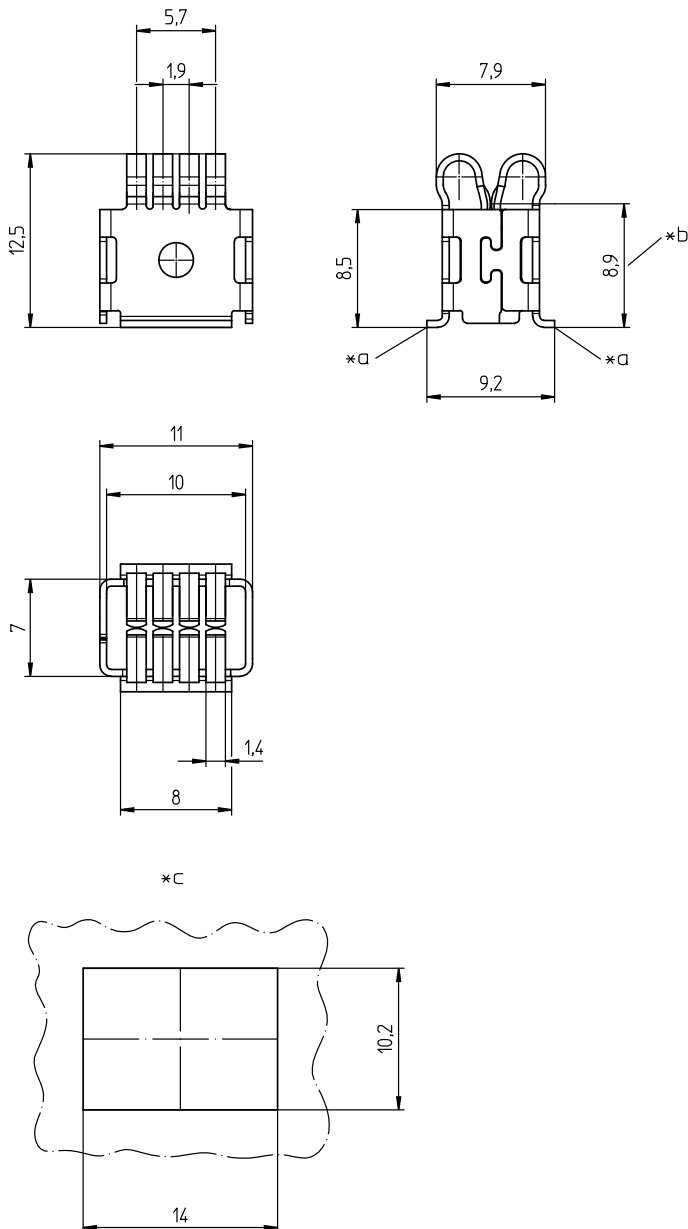
45 4580 04 OP T1,0

High-current contact elements



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

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

Environmental conditions

Temperature range -40 °C/+120 °C

Materials

Contact CuNiSi, 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

Insertion force $\leq 35 \text{ N}^1$

Withdrawal force $\geq 5 \text{ N}^1$

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

Electrical data (at $T_{\text{amb}} 20 \text{ °C}$)

Contact resistance $< 1 \text{ m}\Omega$

Rated current 80 A¹

¹ depending on connection to the printed circuit board/to the lead frame

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
4580 04 OP T1,0 V11VP12	1	2100	2100

Packaging:

on reel (7 reels at 300 pieces)