

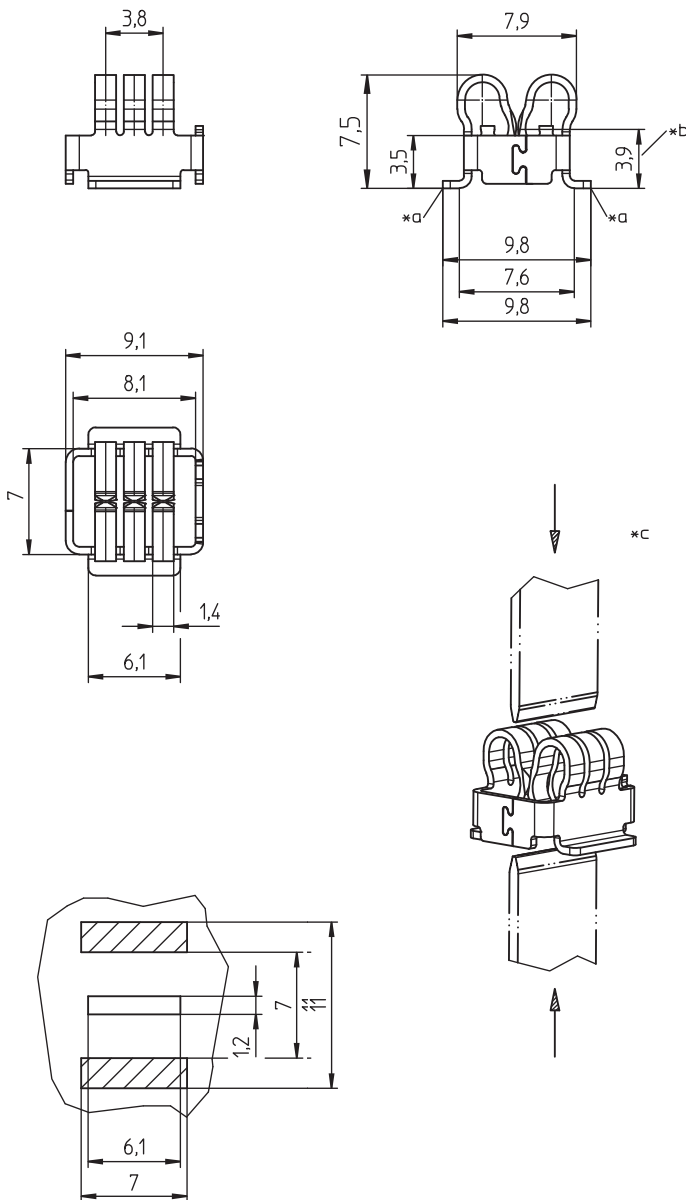
45 4580 03 OP T2,0

High-current contact elements



High-current contact bush, mateable from top or bottom direction, for tab contacts 1.5–2.0 mm, for printed circuit boards or lead frames

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- \*a supporting surface for soldering – dimensions per solder pad min. 7.0 mm x 2.0 mm
- \*b height contact point
- \*c mateable from top or bottom direction
- \*e circuit board layout (example)

**Environmental conditions**

Temperature range -40 °C/+120 °C

**Materials**

Contact CuCr alloy, tin-plated

**Mechanical data**

Mating with tab contact 5.3 mm x 1.5–2.0 mm applicable for reflow soldering on printed circuit board applicable for laser welding on lead frame, e.g. Cu, tin-plated

Insertion force  
tab contact 1.5 mm  
35 ± 10 N – top or bottom entry  
tab contact 2.0 mm  
35 ± 10 N – top entry  
50 ± 10 N – bottom entry

Withdrawal force 6 +10/-3 N

**Electrical data (at T<sub>amb</sub> 20 °C)**

Contact resistance < 0.5 mΩ

Rated current ≤ 60 A<sup>1</sup>

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

45

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
4580 03 OP T2,0 V12VP12	1	2100	2100

**Packaging:**

on reel