

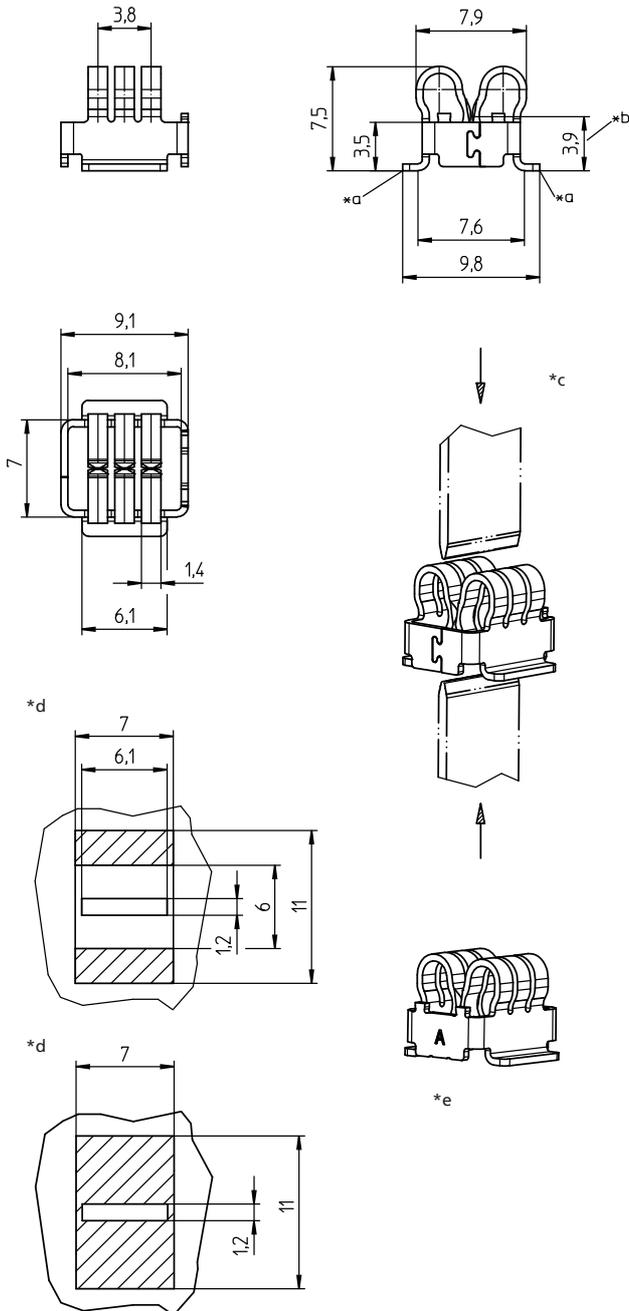
45 4580 03 OP T0,8

High-current contact elements



High-current contact bush, in surface mount technology (SMT), mateable from top or bottom direction, for tab contacts 0.8–1.5 mm, for printed circuit boards or busbars

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- *a supporting surface for soldering – dimensions per solder pad min. 7.5 mm x 2.0 mm
- *b height contact point
- *c mateable from top or bottom direction
- *d circuit board layout (example)
- *e marking A for type 4580 03 OP T0,8

Environmental conditions

Temperature range -40 °C/+120 °C

Materials

Contact CuCr alloy, tin-plated

Mechanical data

Mating with tab contact 5.3 mm x 0.8-1.5 mm applicable for reflow soldering on printed circuit board applicable for laser welding on a busbar or lead frame

Mating cycles ≤ 5

Insertion force tab contact 0.8 mm 22 N ± 10 N – top or bottom entry tab contact 1.0 mm 22 N ± 10 N – top or bottom entry tab contact 1.5 mm 35 N ± 10 N – top or bottom entry¹

Withdrawal force 6 N +10/-3 N¹

¹ measured with polished steel test tabs

Electrical data (at T_{amb} 20 °C)

Contact resistance < 0.5 mΩ

Rated current ≤ 60 A¹

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

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4580 03 OP T0,8

Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
4580 03 OP T0,8 V12VP12	1	350	2100

Packaging:

on reel