

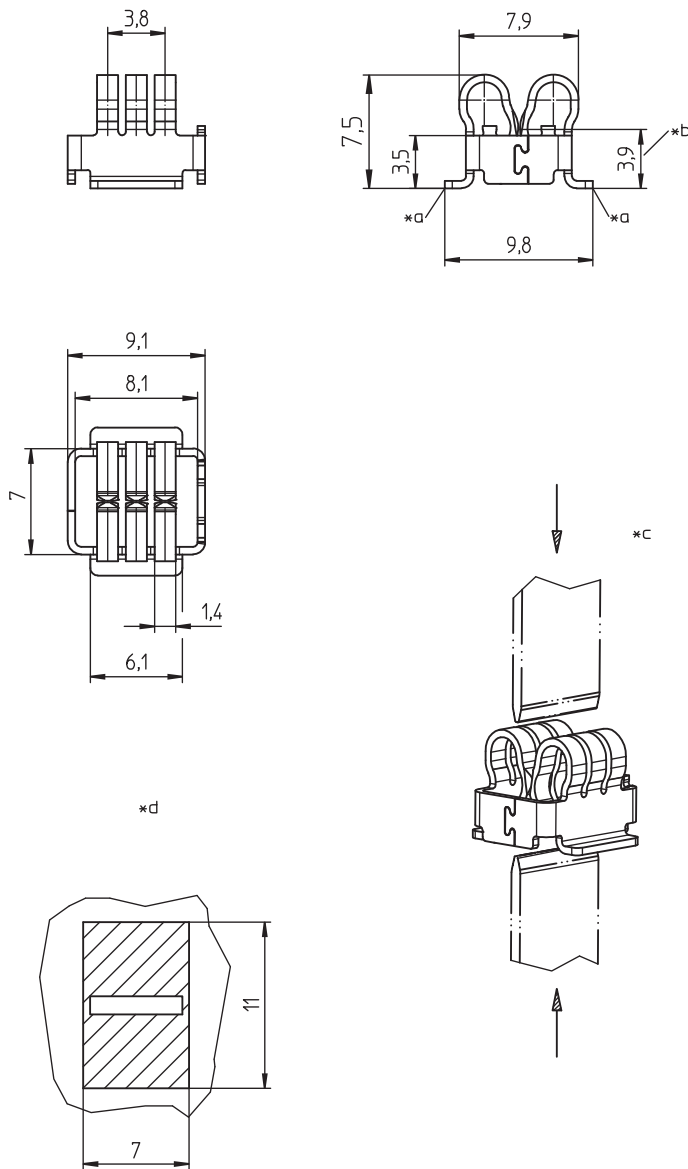
45 4580 03 OP T0,8

High-current contact elements



High-current contact bush, mateable from top or bottom direction, for tab contacts 0.8–1.5 mm, for printed circuit boards or lead frames

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- *a supporting surface for soldering – dimensions per solder pad 6.1 mm x 1.1 mm
- *b height contact point
- *c mateable from top or bottom direction
- *e soldering area/circuit board installation space (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 0.8-1.5 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 0.8 mm
22 ± 10 N – top or bottom entry
tab contact 1.0 mm
22 ± 10 N – top or bottom entry
tab contact 1.5 mm
35 ± 10 N – top or bottom entry

Withdrawal force 6 +10/-3 N

Electrical data (at T_{amb} 20 °C)

Contact resistance < 0.5 mΩ
Rated current ≤ 60 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 03 OP T0,8 V12VP12	1	2100	2100

Packaging:

on reel