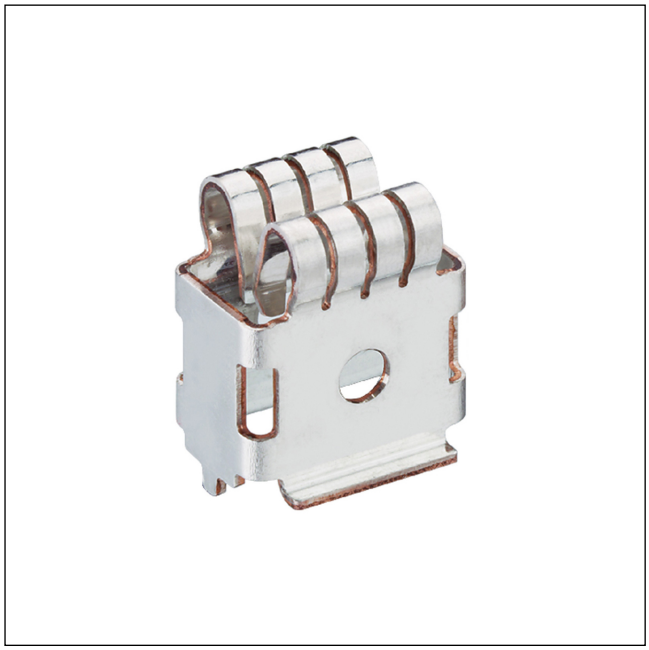
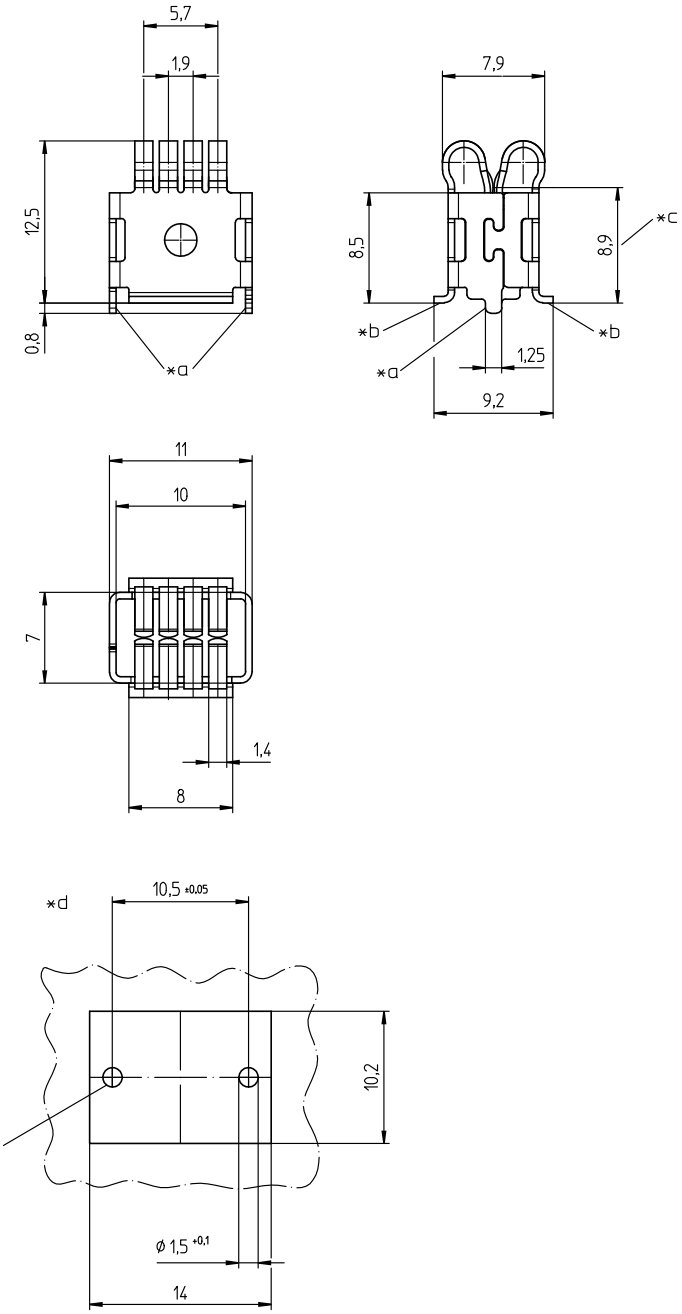
45 4580 04 MP T1,0

High-current contact elements



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

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*a positioning peg
*b supporting surface for reflow soldering or laser welding
*c height contact point
*d mounting space on printed circuit board or lead frame
*e bore hole for positioning peg

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	≤ 35 N[1]
Withdrawal force	≥ 5 N[1]

[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	80 A[1]

[1] depending on connection to the prined circuit board/to the lead frame

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Designation	Pole Number	PU (Pieces)	MDQ (Pieces)
4580 04 MP T1,0 V11VP9	1	5000	120000
4580 04 MP T1,0 V11VP12	1	2400	9600

Packaging:
4580 04 MP T1,0 V11VP9 in a cardboard box
4580 04 MP T1,0 V11VP12 on reel