

45 4580 03 MP T0,8

High-current contact elements

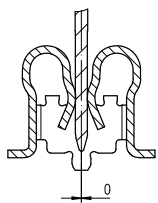
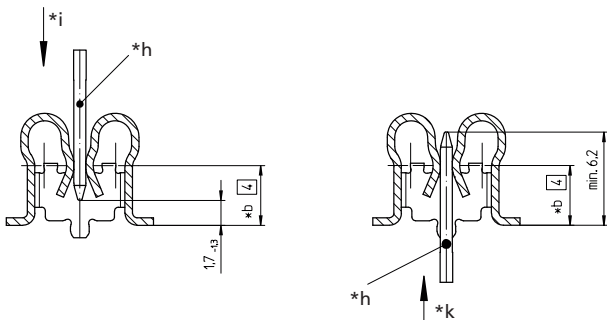


High-current contact bush with positioning pegs, in surface mount technology (SMT), mateable from top or bottom direction, for tab contacts 0.8–1.5 mm, for printed circuit boards or busbars

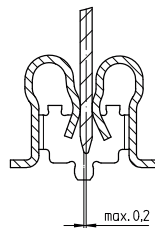


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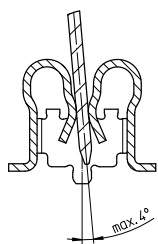
Assembly tolerances for top and bottom entry
- tab dimensions 4.8 mm x 0.8 mm x length 8 mm
- larger assembly tolerances possible for lengths > 15 mm



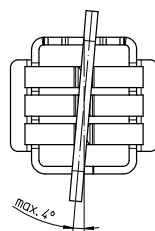
typical mating



permissible lateral offset



permissible tilt

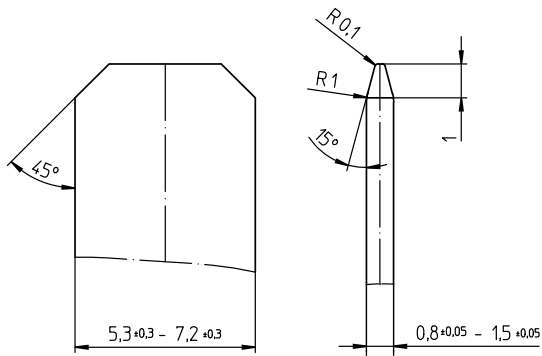


permissible twist

permissible combined tolerances
tilt max. 2° , twist max. 2°

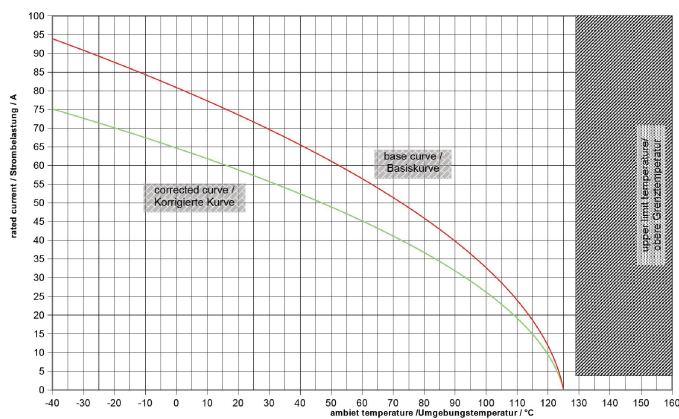
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Geometry of the mating tab contact



Material to be coordinated with Lumberg.

Derating diagram



Test setup: application example of a closed system, no air circulation, no heat dissipation

- tab contact: Cu-HCP, 7.5 mm x 1.0 mm
- connected wire: section 6 mm²
- ambient temperature: 20 °C

Further test configurations and details upon request.

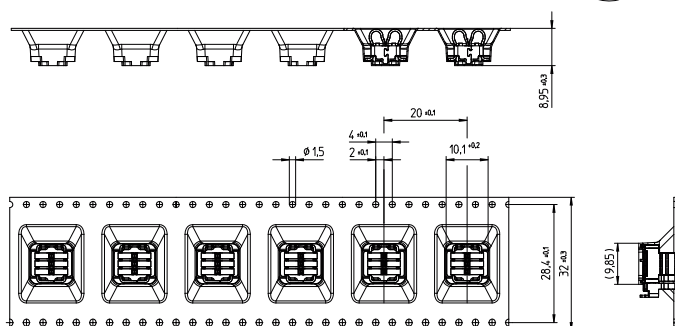
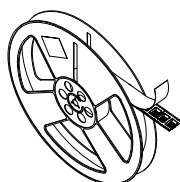
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Packaging

reel: 330 mm/110 mm/32,5 mm

leader: 400 mm, 25 empty cavities

trailer: 160 mm, 10 empty cavities



- *a supporting surface for soldering – dimensions per solder pad
min. 7.0 mm x 2.5 mm
- *b height contact point
- *c positioning peg
- *d mateable from top or bottom direction
- *e bore holes for positioning pegs
- *f circuit board layout (example)
- *g marking A for type 4580 03 MP T0,8
- *h contact tab
- *i mating from top direction
- *k mating from bottom direction

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

Packaging:
on reel