



C707A SIMLOCK® 2.5 mm with 2 positioning pins

Part No. C707 10M006 049 2

- Small overall dimension
- 2 Positioning Pins
- Secure card position
- Reliable contact of SIM-Card pads
- Easy and safe locking
- SMT solderable
- Packed in tape & reel
- Pick & place capable

For more information, please contact us [here](#).

Series **Mobile Connectors**

Subseries **Mobile Connectors C707A**

COMMON CHARACTERISTICS

No. of contacts		6
Contact position		GSM
Function		Chip card reader
Style		SIMLOCK

ELECTRICAL CHARACTERISTICS

Contact resistance	IEC 60512-2, Test 2a	max. 100 mΩ
Insulation resistance	IEC 60512-3, Test 3a	max. 1 GΩ
Voltage proof	IEC 60512-2, Test 4a	125 V
Rated voltage	DIN EN 60664-1 / IEC 60664-1	max. 15 VDC
Rated current at 40°C		max. 1 A

CLIMATICAL CHARACTERISTICS

Operating temperature		-25 °C to +85 °C
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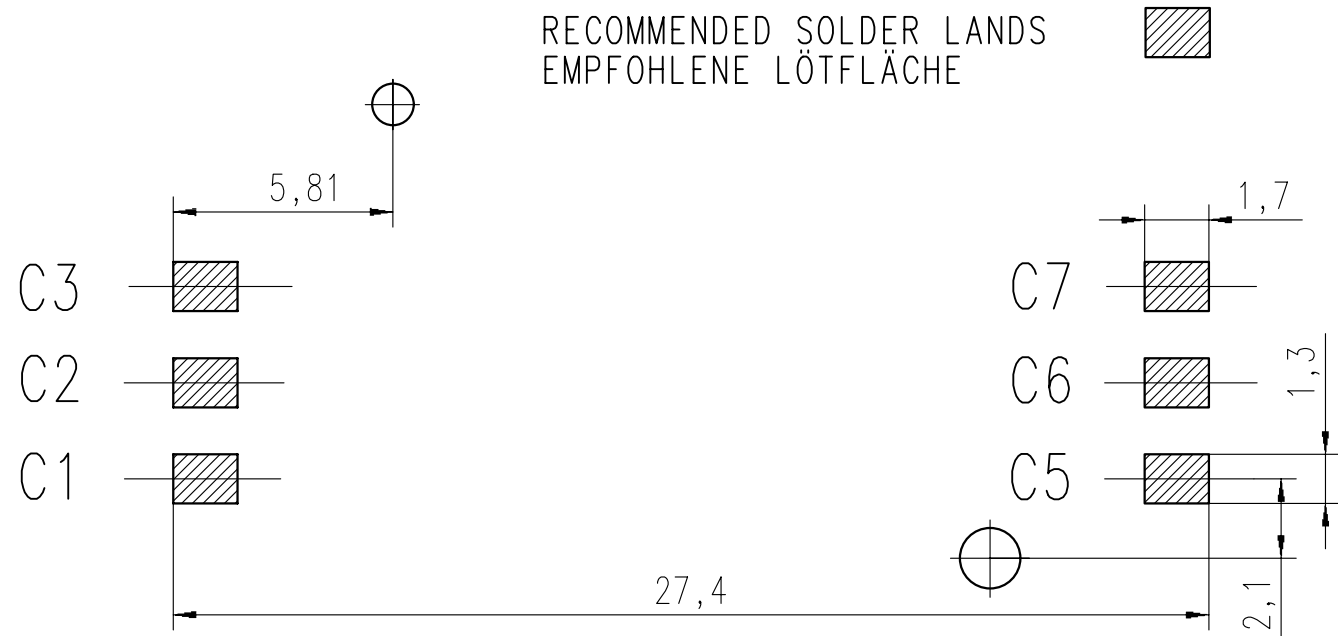
MECHANICAL CHARACTERISTICS

Mechanical lifetime		1.500 mating cycles
Contact force		min. 0,20 N

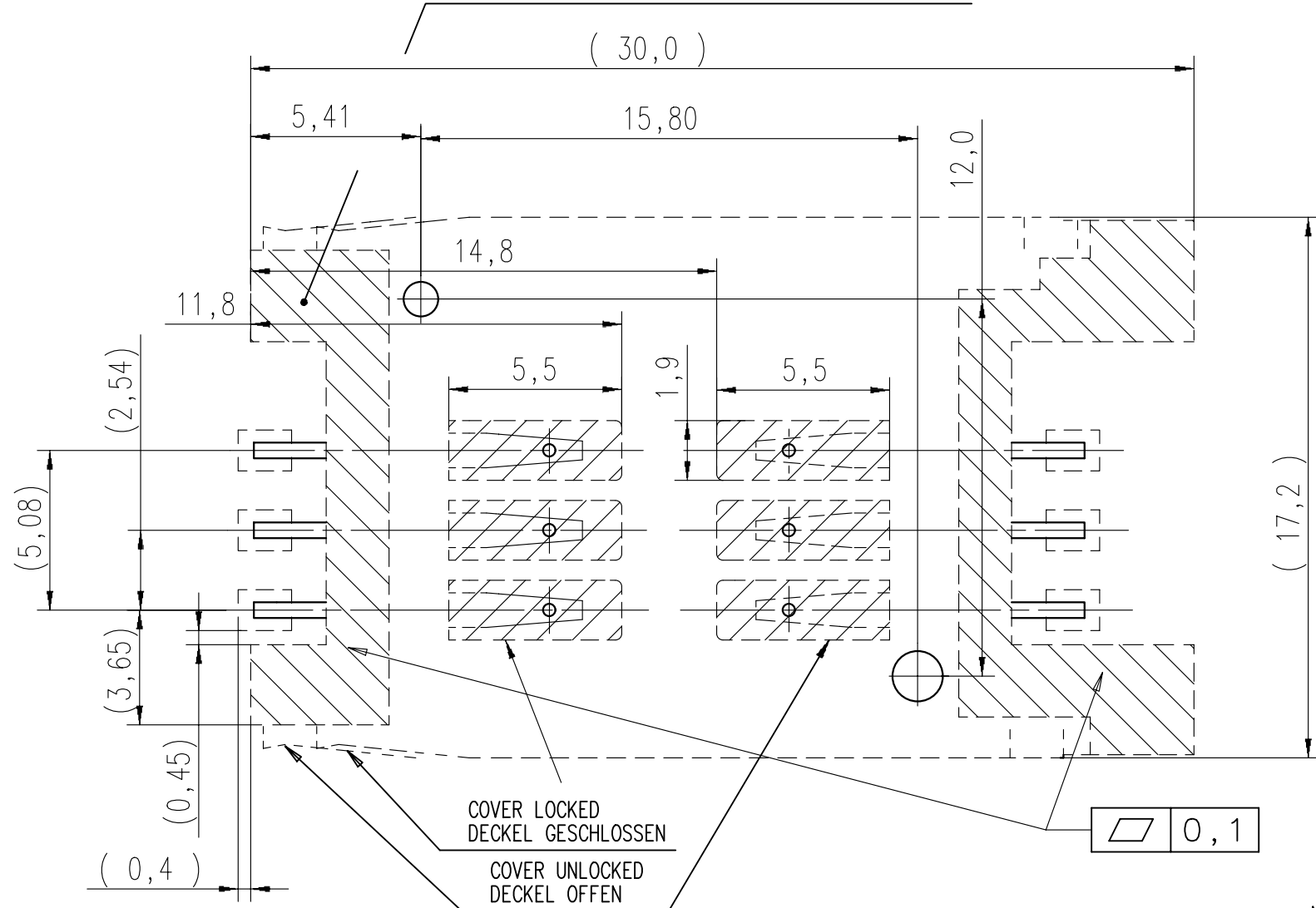
MATERIALS

Contacts		Copper alloy
Insulator		High temperature thermoplastic
Cover		High temperature thermoplastic
Plating contacts		min. 0.8 μm
Plating solder area		min. 4 μm Sn
Underlayer		min. 2 μm Ni

RECOMMENDED SOLDER LANDS
EMPFOHLENE LÖTFLÄCHE



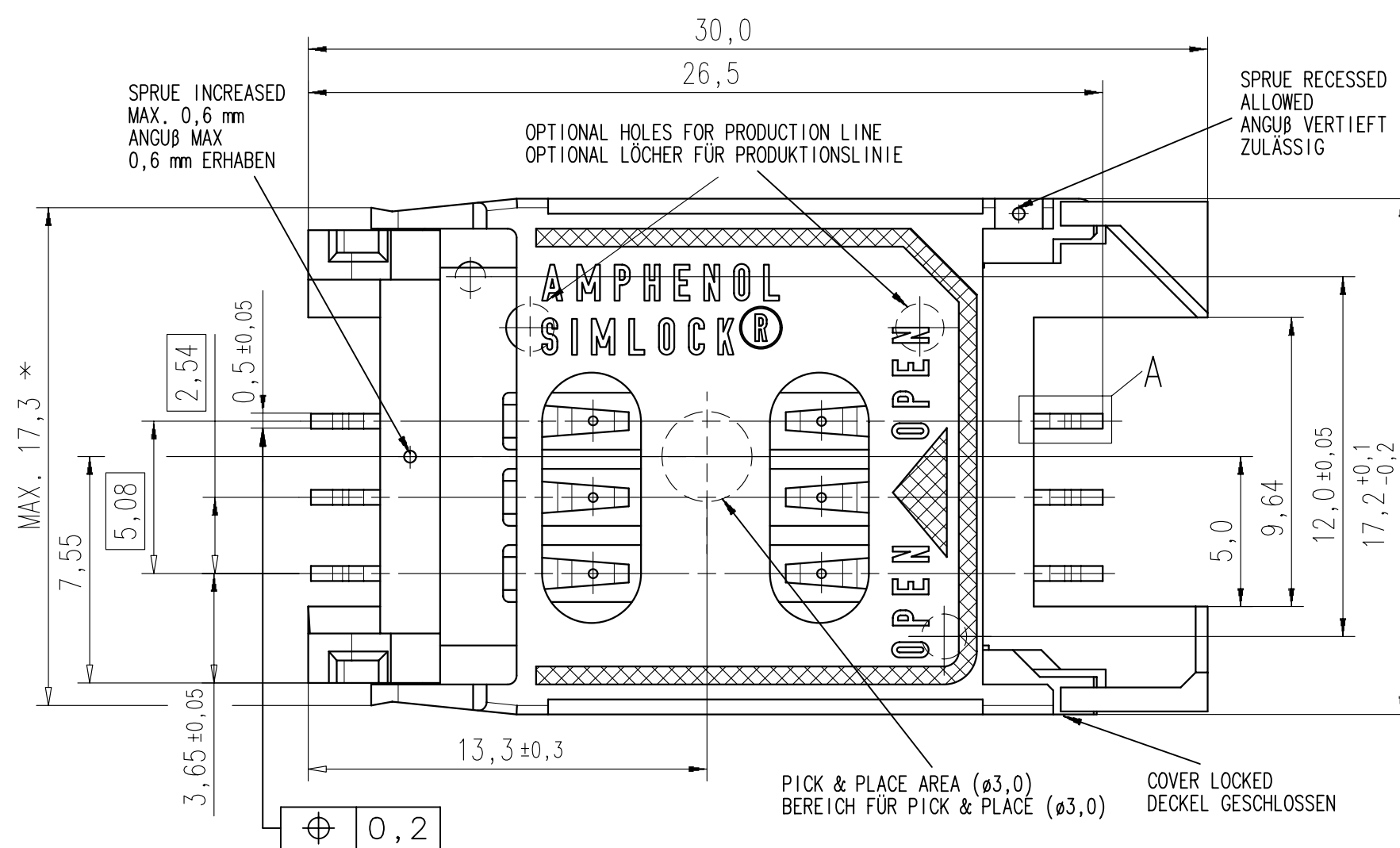
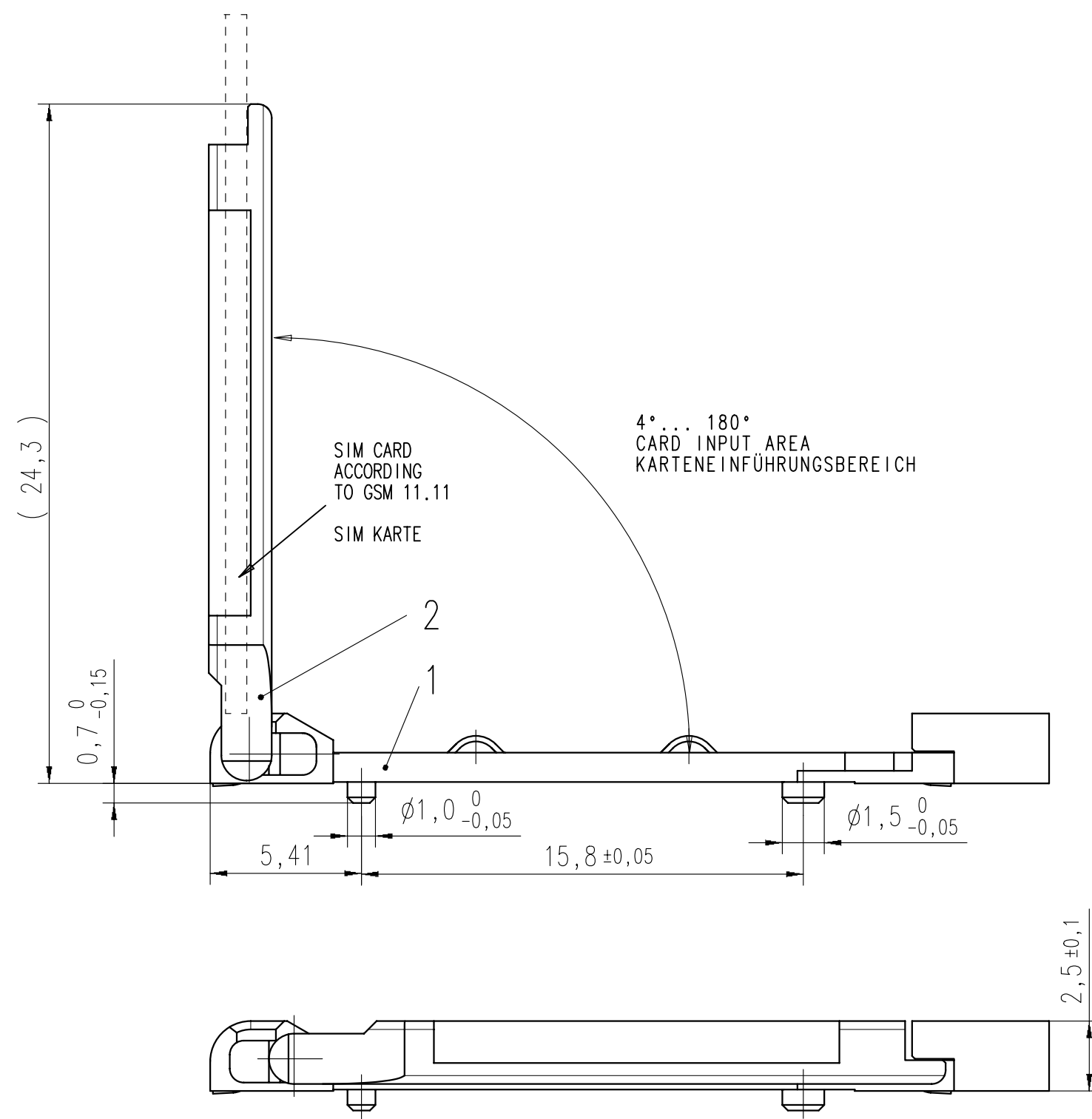
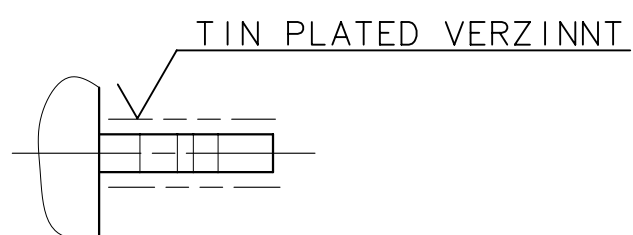
SUPPORTING SURFACE FOR COPLANARITY
AUFLAGEFLÄCHE FÜR KOPLANARITÄT



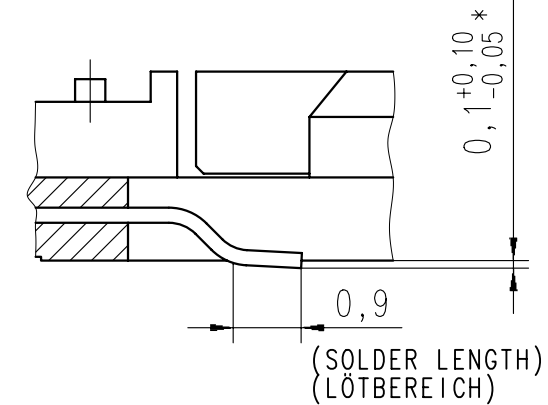
NO TRACKS ON THE PCB IN THIS AREA ALLOWED
KEINE LEITERBAHNEN AUF DER PLATINE IN DIESEM BEREICH ZULÄSSIG

* MAX. DIMENSION ONLY
DURING LOCKING OPERATION
* MAX. MAß NUR WÄHREND
DEM SCHLIEßEN

DETAIL A 10:1
ANSICHT A 10:1



SIDE VIEW 10:1
SOLDER PIN
SEITENANSICHT 10:1
LÖTPIN



* DEVIATIONS BETWEEN ALL
CONTACTS MAX. 0.08 mm
EACH SIDE
* ABWEICHUNGEN ZWISCHEN
ALLEN KONTAKTEN MAX. 0.08 mm
PRO SEITE