

# 23 LED-Sockets

The constructional depth of the LED-displays have to be aligned precisely to the mechanical conditions.

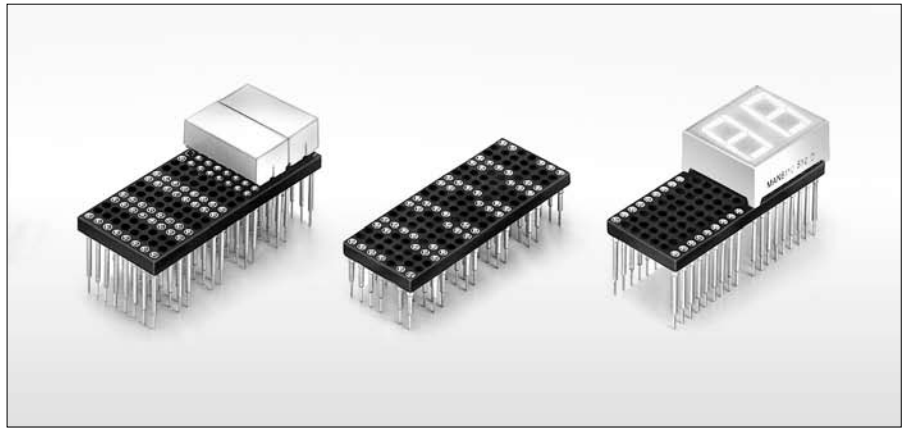
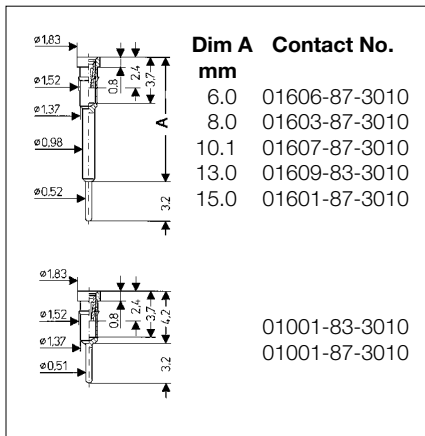
If there are several displays mounted side by side, a joint insulator is appropriate. Due to the insulator all displays are mounted on the same height. The socket connectors given below can be mounted. More construction depths on request.

The LED-Sockets are manufactured on customer order. Please use the design specification given below for your request.

- Contact clip Surface** Beryllium copper nickel 2 - 3  $\mu\text{m}$ , gold 0.75  $\mu\text{m}$  (-83-) or gold flash (-87-)
- Sleeve Surface** typical CuZn alloy turned Nickel 2 - 3  $\mu\text{m}$ , tin 5  $\mu\text{m}$  (Sn100)
- Insulator body** Thermoplastic polyester glass-fibre reinforced, self-extinguishing rated UL94V0.
- Operation temperature** -55 up to +125 °C

- Solder temperature** from 235°C acc. IEC 68-2-54 Ta
- Solder head resistance** up to 260°C 10 sec. acc. IEC 68-2-20 Tb
- Contact depth** 2.4 mm by safe contact making
- Accepted diameter** 0.4 mm - 0.56 mm
- Rated voltage** 100 V<sub>RMS</sub>/150 VDC
- Insulation resistance** >10<sup>10</sup>  $\Omega$
- Contact resistance**  $\leq$  10 m $\Omega$
- Air and creepage distance** > 0.7 mm
- Current carrying capacity** per contact 1 A
- Moisture sensibility level (MSL)** J-STD-020C Level 1

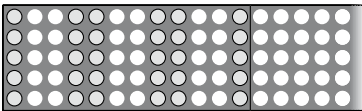
**RoHS-conform**



### 1. Footprints

Distance of drillings 2.54 mm

#### Example



### 2. Order No. single contacts

### 3. Amount of single contacts

\_\_\_\_\_ pieces

### 4. Demand

\_\_\_\_\_ pieces sample

\_\_\_\_\_ pieces mass produce

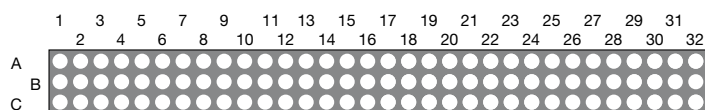
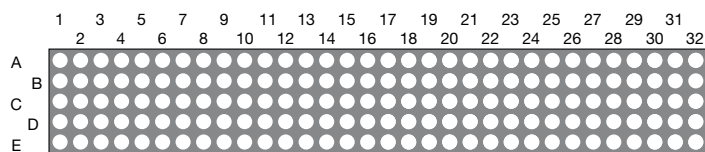
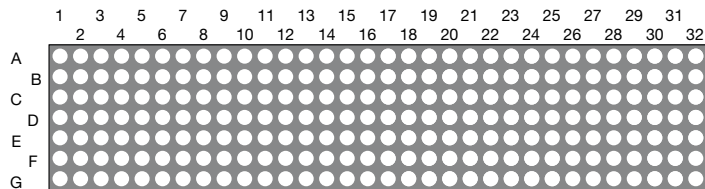
### 5. Address

The LED-socket can be manufactured with different socket connectors. Due to your footprint and the definition of the single contact the LED-socket will be produced.

Insulator body 1100368



Thickness of insulator body 2.8 mm



Bauteilseite