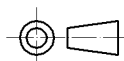
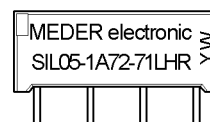
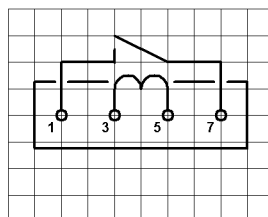
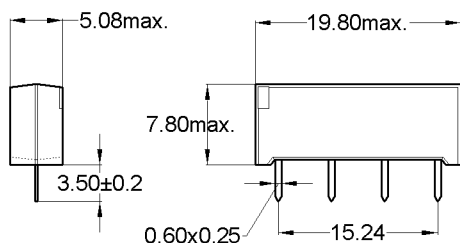


### Dimensions

### Layout 71L Pitch 2.54 / Top View

### Marking

 Type - Layout  
 Production-Code  
 EN60062

 unspecified tolerances  $\pm 0.1\text{mm}$   
 nicht spezifizierte Toleranzen  $\pm 0.1\text{mm}$ 

| Coil Data at 20 °C | Conditions | Min  | Typ   | Max   | Unit |
|--------------------|------------|------|-------|-------|------|
| Coil resistance    |            | 900  | 1.000 | 1.100 | Ohm  |
| Coil voltage       |            |      | 5     |       | VDC  |
| Rated power        |            |      | 25    |       | mW   |
| Pull-In voltage    |            |      |       | 3,8   | VDC  |
| Drop-Out voltage   |            | 0,75 |       |       | VDC  |

| Contact data 66/1          | Conditions                                                        | Min  | Typ | Max | Unit |
|----------------------------|-------------------------------------------------------------------|------|-----|-----|------|
| Contact-form               |                                                                   | A-NO |     |     |      |
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |      |     | 10  | W    |
| Switching voltage          | DC or Peak AC                                                     |      |     | 100 | V    |
| Switching current          | DC or Peak AC                                                     |      |     | 0,5 | A    |
| Carry current              | DC or Peak AC                                                     |      |     | 1   | A    |
| Contact resistance static  | Measured with 40% overdrive Start Value                           |      |     | 150 | mOhm |
| Contact resistance dynamic | Maximum value 1,5 ms after excitation Start Value                 |      |     | 200 | mOhm |
| Insulation resistance      | RH <45 %, 200 V test voltage                                      | 1    |     |     | GOhm |
| Breakdown voltage (>20 AT) | according to IEC 255-5                                            | 200  |     |     | VDC  |
| Operate time incl. bounce  | measured with 40% overdrive                                       |      |     | 0,7 | ms   |
| Release time               | measured with no coil excitation                                  |      |     | 0,1 | ms   |
| Capacitance                | @ 10 kHz across open switch                                       |      | 0,3 |     | pF   |

| Special Product Data               | Conditions                    | Min                     | Typ | Max | Unit  |
|------------------------------------|-------------------------------|-------------------------|-----|-----|-------|
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 100                     |     |     | GOhm  |
| Insulation voltage Coil/Contact    | according to IEC 255-5        | 1,5                     |     |     | kV DC |
| Housing material                   |                               | epoxy resin             |     |     |       |
| Connection pins                    |                               | Copper alloy tin plated |     |     |       |

| Environmental data    | Conditions                  | Min          | Typ | Max | Unit |
|-----------------------|-----------------------------|--------------|-----|-----|------|
| Shock                 | 1/2 sine wave duration 11ms |              |     | 50  | g    |
| Vibration             | from 10 - 2000 Hz           |              |     | 20  | g    |
| Ambient temperature   |                             | -20          |     | 70  | °C   |
| Storage temperature   |                             | -35          |     | 95  | °C   |
| Soldering temperature | wave soldering max. 5 sec.  |              |     | 260 | °C   |
| Cleaning              |                             | fully sealed |     |     |      |