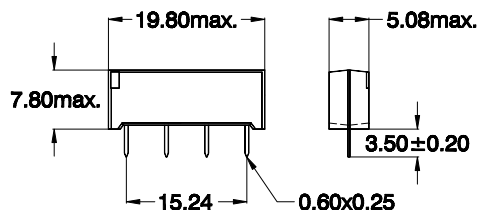
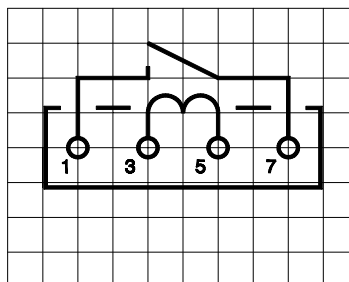
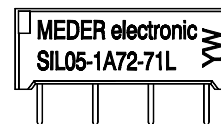


**dimensions** (tolerance  $\pm 0,1\text{mm}$ )

**layout 71L pitch 2,54 / top view**

**marking**

 Type  
 data-code EN 60062


| coil data        | condition                                         | Min. | Typ. | Max. | unit     |
|------------------|---------------------------------------------------|------|------|------|----------|
| coil resistance  | at 20°C                                           | 450  |      | 550  | $\Omega$ |
| nominal voltage  |                                                   |      | 5,0  |      | VDC      |
| pull-in voltage  |                                                   |      |      | 3,5  | VDC      |
| drop-out voltage |                                                   | 0,75 |      |      | VDC      |
| coil voltage     | at 20°C                                           |      |      | 23,0 | VDC      |
| coil voltage     | at 60°C                                           |      |      | 14,0 | VDC      |
| nominal power    | determined with nominal voltage and rated current |      | 50   |      | mW       |

| contact data 72 (Form A/Dry) |                                                                                             |           |  |      |            |
|------------------------------|---------------------------------------------------------------------------------------------|-----------|--|------|------------|
| contact material             |                                                                                             | Ruthenium |  |      |            |
| rated power                  | each combination of the switching voltage and current must not exceed the given rated power |           |  | 15   | W          |
| switching voltage            |                                                                                             |           |  | 200  | VDC        |
| switching current            |                                                                                             |           |  | 1,0  | A          |
| carry current                |                                                                                             |           |  | 1,25 | A          |
| static contact resistance    | initial values measured with $1,4 \times AT_{\text{pull-in}}$                               |           |  | 150  | m $\Omega$ |
| Insulation resistance        | RH $\Omega$ 45%                                                                             | $10^{10}$ |  |      | $\Omega$   |
| breakdown voltage            |                                                                                             | 250       |  |      | VDC        |
| capacitance                  | without test coil                                                                           |           |  | 0,3  | pF         |

| relay data                         |                                              |           |     |     |          |
|------------------------------------|----------------------------------------------|-----------|-----|-----|----------|
| insulation resistance coil-contact |                                              | $10^{11}$ |     |     | $\Omega$ |
| insulation voltage coil-contact    |                                              | 1,5       |     |     | kVDC     |
| shock                              | ½ sine wave, duration 11ms                   |           |     | 150 | g        |
| vibration                          | 50 – 2000Hz                                  |           |     | 10  | g        |
| operate time including bounce      | measured at $1,4 \times AT_{\text{pull-in}}$ |           | 0,5 |     | ms       |
| release time                       |                                              |           | 0,1 |     | ms       |

| general data          |            |                      |  |     |    |
|-----------------------|------------|----------------------|--|-----|----|
| operating temperature |            | -20                  |  | 70  | °C |
| storing temperature   |            | -35                  |  | 95  | °C |
| soldering temperature | 10 sec. at |                      |  | 260 | °C |
| cleaning              |            | fully sealed         |  |     |    |
| material of case      |            | mineral-filled epoxy |  |     |    |
| material of pins      |            | FeNi-alloy tinned    |  |     |    |