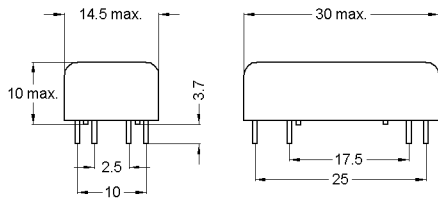
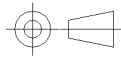


**DIMENSIONS (mm)**



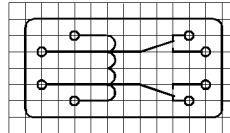
Pins: Ø 0.65 mm  
 L = 3.7±0.3 mm  
 Material: Cu-alloy tinned



tolerances acc. to DIN ISO 2768-m

**LAYOUT**

pitch 2.5 mm/Top view



**MARKING**



MEDER-Label  
 Type, Layout  
 Production code,  
 EN60062/Factory code

| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
| Coil resistance    |            | 135 | 150 | 165 | Ohm  |
| Coil voltage       |            |     | 5   |     | VDC  |
| Rated power        |            |     | 166 |     | mW   |
| Pull-In voltage    |            |     |     | 3,8 | VDC  |
| Drop-Out voltage   |            | 1   |     |     | VDC  |

| Contact data 90            | Conditions  | Min     | Typ | Max | Unit |
|----------------------------|---|---------|-----|-----|------|
| Contact-form               |   | C       |     |     |      |
| Contact-material           |   | Rhodium |     |     |      |
| Contact rating             | Any DC combination of V & A not to exceed their individual max.'s |         |     | 10  | W    |
| Switching voltage          | DC or Peak AC   |         |     | 175 | 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 |
| Insulation resistance      | RH <45 %, 100 V test voltage                                      | 1       |     |     | GOhm |
| Breakdown voltage          | 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                                  |         |     | 1,5 | ms   |
| Capacity                   | @ 10 kHz across open switch                                       |         | 1   |     | pF   |

| Special Product Data               | Conditions                    | Min                     | Typ | Max | Unit |
|------------------------------------|-------------------------------|-------------------------|-----|-----|------|
| Insulation resistance Coil/Contact | RH <45%, 200 VDC test voltage | 1.000                   |     |     | GOhm |
| Insulation voltage Coil/Contact    | according to IEC 255-5        | 2                       |     |     | kVAC |
| 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            |     |     |      |
| Housing material                   |                               | Polycarbonat            |     |     |      |
| Sealing compound                   |                               | Polyurethan             |     |     |      |
| Connection pins                    |                               | Copper alloy tin plated |     |     |      |