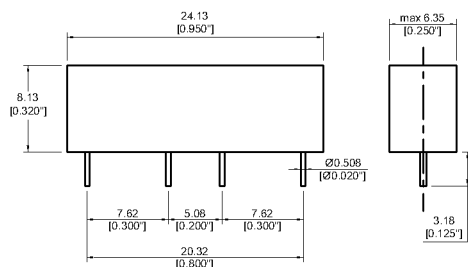


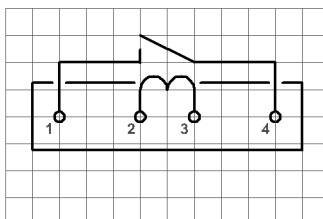
### DIMENSIONS (mm)

Unspecified Tolerances +/- 0.25mm

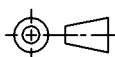
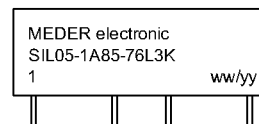


### LAYOUT 76L

Top View / Grid: 2.54mm (0.100")



### MARKING



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|-----|-----|-----|------|
| Coil resistance    |            | 200 | 220 | 240 | Ohm  |
| Coil voltage       |            |     | 5   |     | VDC  |
| Rated power        |            |     | 114 |     | mW   |
| Pull-In voltage    |            |     |     | 3   | VDC  |
| Drop-Out voltage   |            | 0,5 |     |     | VDC  |

| Contact Data 85              | Conditions  | Min | Typ | Max   | Unit  |
|------------------------------|---|-----|-----|-------|-------|
| Contact rating               | Any DC combination of V & A not to exceed their individual max.'s |     |     | 100   | W     |
| Switching voltage            | DC or Peak AC   |     |     | 1.000 | V     |
| Switching current            | DC or Peak AC   |     |     | 1     | A     |
| Pulsed carry current         | DC or Peak AC<br>5ms after coil excitation for 50ms max.          |     |     | 3     | A     |
| Carry current                | DC or Peak AC<br>100% Duty Cycle                                  |     |     | 2,5   | A     |
| Contact resistance static    | Measured with 40% overdrive                                       |     |     | 150   | mOhm  |
| Insulation resistance        | RH <45 %, 100 V test voltage                                      | 10  |     |       | GOhm  |
| Breakdown voltage (40-50 AT) | according to EN 60255-5   | 3   |     |       | kV DC |
| Operate time incl. bounce    | measured with 40% overdrive                                       |     |     | 1,1   | ms    |
| Release time                 | measured with no coil excitation                                  |     |     | 0,1   | ms    |
| Capacitance                  | @ 10 kHz across open switch                                       |     | 0,2 |       | pF    |

| Special Product Data             | Conditions              | Min | Typ                   | Max | Unit  |
|----------------------------------|-------------------------|-----|-----------------------|-----|-------|
| Dielectric Strength Coil/Contact | according to EN 60255-5 | 3   |                       |     | kV DC |
| Housing material                 |                         |     | Nylon 6/6             |     |       |
| Sealing compound                 |                         |     | Epoxy resin           |     |       |
| Connection pins                  |                         |     | FeNi-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    |
| Operating temperature |                             | -20          |     | 70  | °C   |
| Storage temperature   |                             | -20          |     | 90  | °C   |
| Soldering temperature | wave soldering max. 5 sec.  |              |     | 260 | °C   |
| Washability           |                             | fully sealed |     |     |      |

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