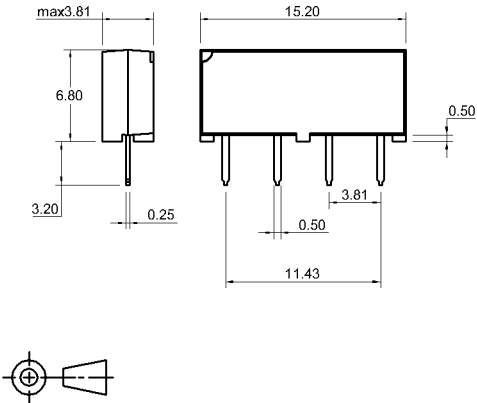


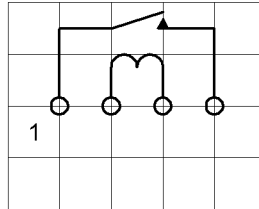
DIMENSIONS (mm)

Unspecified Tolerances +/- 0.25mm

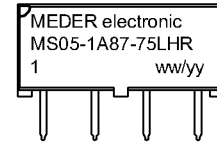


LAYOUT 75L

Pitch 3.81mm [0.150"] / Top View



MARKING



| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|--------------------|------------|------|-----|------|------|
| Coil resistance | | 450 | 500 | 550 | Ohm |
| Coil voltage | | | 5 | | VDC |
| Rated power | | | 50 | | mW |
| Pull-In voltage | | | | 3.75 | VDC |
| Drop-Out voltage | | 0.75 | | | VDC |

| Contact data 87 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|-----|-----|-----|------|
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage | DC or Peak AC | | | 200 | 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 %, 100 V test voltage | 1 | | | TOhm |
| Breakdown voltage | according to IEC 255-5 | 230 | | | VDC |
| Release time | measured with no coil excitation | | | 0.1 | ms |
| Capacity | @ 10 kHz | | 0.2 | | pF |
| Operate time incl. bounce | measured with nominal voltage | | | 0.5 | ms |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|------------------------------------|-----------------------------|-----------------------|-----|-----|-------|
| Insulation resistance Coil/Contact | RH <45%, 100 V test voltage | 10 | | | TOhm |
| Isolation voltage Coil/Contact | according to IEC 255-5 | 1.5 | | | kV DC |
| Housing material | | mineral-filled epoxy | | | |
| 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 |
| Ambient temperature | | -20 | | 70 | °C |
| Storage temperature | | -20 | | 95 | °C |
| Soldering temperature | max. 5 sec | | | 260 | °C |
| Cleaning | | fully sealed | | | |