MEDER electronic
Products for tomorrow...

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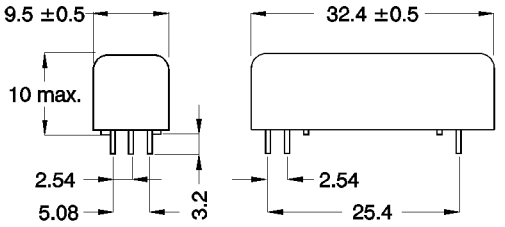
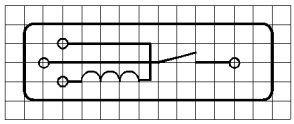
Item No.:
**8824171200**
Item:
**BE24-1A66-M**
**BE24-1A71-M**

DIMENSIONS (mm)




Pins: Ø0.65 mm
L = 3.2±0.3 mm
Material: Cu-alloy tinned

LAYOUT
pitch 2.54 mm/Top view



MARKING


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

unspecified tolerances acc. to DIN ISO 2768-m

| Coil Data at 20 °C | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Coil resistance | | 7.060 | 7.845 | 8.630 | Ohm |
| Coil voltage | | | 24 | | VDC |
| Rated power | | | 73 | | mW |
| Thermal resistance | max. Relay temperature = operating temperature + self heating | | 69 | | K/W |
| Pull-In voltage | | | | 16,8 | VDC |
| Drop-Out voltage | | 2,2 | | | VDC |

| Contact data 66 | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|
| Contact-form | | A | | | |
| Contact-material | | Iridium | | | |
| 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 | | | 100 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage ( > 20 AT ) | according to IEC 255-5 | 400 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 0,7 | ms |
| Release time | measured with no coil excitation | | | 0,05 | ms |
| Capacity | @ 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 | 1.000 | | | GOhm |
| Dielectric Strength Coil/Contact | according to IEC 255-5 | 2 | | | kV DC |
| Housing material | | Metal | | | |
| Sealing compound | | Polyurethan | | | |
| Connection pins | | cu-alloy tinned | | | |
| Number of contacts | | 1 | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|---|---|---|---|---|---|

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Item:
**BE24-1A66-M**
**BE24-1A71-M**

| 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 | | -40 | | 95 | °C |
| Soldering temperature | wave sodering max. 5 sec. | | | 260 | °C |
| Washability | | fully sealed | | | |