



Products for tomorrow...

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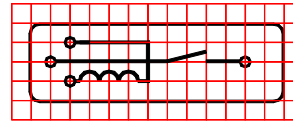
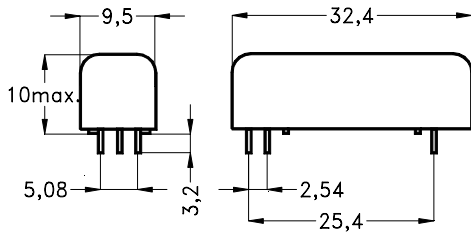
Reed Relay: BE05-1A74-M

Part Number: 8805174200

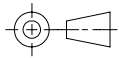
Dimensions (mm)

Layout / Pitch 2,54 mm / Top View

Marking



MEDER-Label
 Type
 Layout
 Production-
 Code-
 EN60062
 /Factory Code



Pins: \varnothing 0,65 mm / L 3,2 ± 0,3 mm

| Coil/Relay Characteristics | Conditions at 20°C | Min. | Typ. | Max. | Units |
|----------------------------|--------------------|------|------|------|----------|
| Coil Resistance | | 310 | 345 | 380 | Ω |
| Nominal Voltage | | | 5 | | VDC |
| Nominal Rated Power | | | 72 | | mW |
| Thermal Resistance | | | 69 | | K / W |
| Operate Voltage | | | | 3,5 | VDC |
| Release Voltage | | 0,40 | | | VDC |

| Contact Data 74 (Form A/Dry) | | | | | |
|-------------------------------------|--|------------------|-----|-----------|------------|
| Contact Rating | Any combination of the switching voltage and current must not exceed the given rated power | | | 30 | W |
| Switching Voltage | DC / AC | | | 200 / 250 | V |
| Switching Current | DC or Peak AC | | | 1,0 | A |
| Carry Current | DC or Peak AC | | | 2,5 | A |
| Static Contact Resistance (initial) | Measured with Nominal Voltage | | | 120 | m Ω |
| Insulation Resistance | RH 45% | 10 ¹¹ | | | Ω |
| Breakdown Voltage | | 430 | | | VDC |
| Operate Time, including Bounce | Measured with Nominal Voltage | | | 0,5 | ms |
| Release Time | Measured with no coil suppression | | | 0,2 | ms |
| Capacitance | | | 0,2 | | pF |

| Environmental Data | | | | | |
|---------------------------------------|----------------------------|------------------|--|---------------------------------|----------|
| Insulation Resistance Coil to Contact | RH 45% | 10 ¹² | | | Ω |
| Dielectric Strength Coil to Contact | | 2,0 | | | kV AC |
| Shock | ½ sine wave, duration 11ms | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating Temperature | 10°C/min max. allowable | -20 | | 70 | °C |
| Storage Temperature | 10°C/min max. allowable | -40 | | 105 | °C |
| Soldering Temperature | 5 sec. at | | | 260 | °C |
| Cleaning | | | | fully sealed | |
| Material of Case | | | | Metal / Magnetic Shielding / Fe | |
| Sealing Compound | | | | Polyurethan | |
| Material of Pins | | | | Cu-alloy tinned | |
| Remarks | | | | | |

| | |
|---------------------------------|---------------|
| Customer / Customer part number | Standard Part |
|---------------------------------|---------------|