



Products for tomorrow...

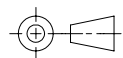
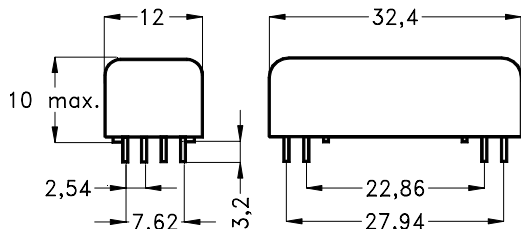
Headquarter Europe
 MEDER electronic AG
 Friedrich-List Strasse 6
 D-78234 Engen-Welschingen
 Tel.: +49(0)7733-9487-0
 Fax: +49(0)7733-9487-32
 eMail: info@meder.com
 Internet: www.meder.com

Headquarter USA
 MEDER electronic Inc.
 766 Falmouth Rd
 Mashpee, MA 02649
 Phone: +1/ 508-539-0002
 Fax: +1/ 508-539-4088
 eMail: salesusa@meder.com

Reed Relay: BE12-2A71-M

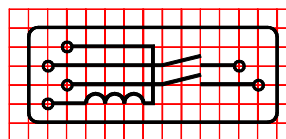
Part Number: 8812271200

Dimensions (mm)



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

Layout / Pitch 2,54 mm / Top View



Marking

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

| Coil/Relay Characteristics | Conditions at 20°C | Min. | Typ. | Max. | Units |
|----------------------------|--------------------|------|------|------|----------|
| Coil Resistance | | 990 | 1100 | 1210 | Ω |
| Nominal Voltage | | | 12 | | VDC |
| Nominal Rated Power | | | 131 | | mW |
| Thermal Resistance | | | 56 | | K / W |
| Operate Voltage | | | | 8,4 | VDC |
| Release Voltage | | 1,0 | | | VDC |

| Contact Data 71 (Form A/Dry) | | | | | |
|-------------------------------------|--|-----------|-----|-----|------------|
| Contact Rating | Any combination of the switching voltage and current must not exceed the given rated power | | | 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 |
| Static Contact Resistance (initial) | Measured with Nominal Voltage | | | 150 | m Ω |
| Insulation Resistance | RH 45% | 10^{10} | | | Ω |
| Breakdown Voltage | | 250 | | | VDC |
| Operate Time, including Bounce | Measured with Nominal Voltage | | | 0,5 | ms |
| Release Time | Measured with no coil suppression | | | 0,2 | ms |
| Capacitance | | | 0,3 | | 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 |
|---------------------------------|---------------|