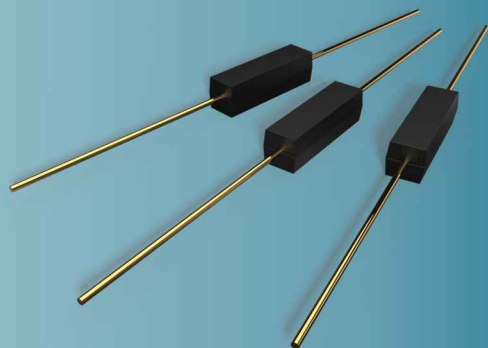


REED SWITCH

MKA-07101M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

7...10 A

1 W, VA

0,1 A

0,3 A

24 V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 G Ω
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,12 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

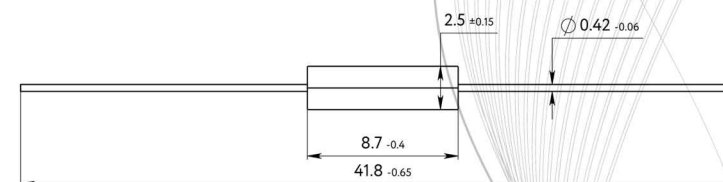
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
 $\varnothing 0,063$ mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -375
Package is carton boxes. Two blister in box. Quantity -750



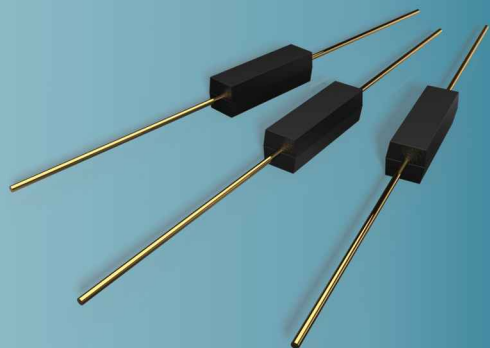
RYAZAN METAL CERAMICS INSTRUMENTATION PLANT, JSC

Version from 12.01.2024

51V Novaya St., 390027, Ryazan, Russia
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REED SWITCH

MKA-07101M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

10...40 A

10 W, VA

0,1 A

0,3 A

100 V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 G Ω
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,12 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

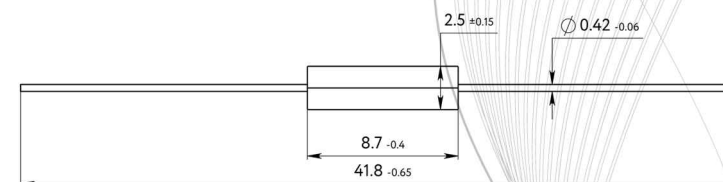
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -375
Package is carton boxes. Two blister in box. Quantity -750



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REED SWITCH

MKA-07101MS



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

7...10 A

Switching power

1 W, VA

Switching current

0,1 A

Carry current

0,3 A

Switching voltage

24 V

Soldering temperature

220°C / 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 GΩ
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,08 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

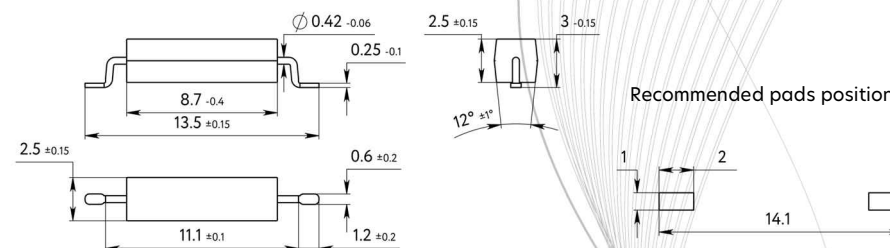
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1150
Package is carton boxes. Two blister in box. Quantity -2300
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -2100



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REED SWITCH

MKA-07101MS



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

10...40 A

Switching power

10 W, VA

Switching current

0,1 A

Carry current

0,3 A

Switching voltage

100 V

Soldering temperature

220°C / 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 GΩ
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,08 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

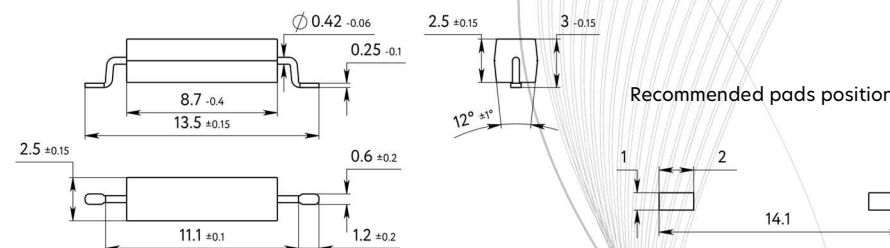
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1150
Package is carton boxes. Two blister in box. Quantity -2300
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -2100



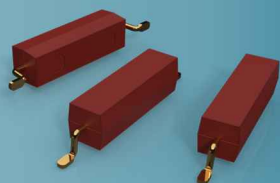
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REED SWITCH

MKA-07101M1S



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

7...10 A

Switching power

1 W, VA

Switching current

0,1 A

Carry current

0,3 A

Switching voltage

24 V

Soldering temperature

260°C/ 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 GΩ
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,08 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

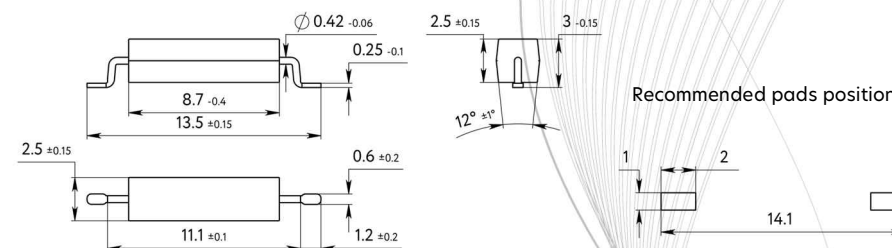
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1150
Package is carton boxes. Two blister in box. Quantity -2300
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -2100



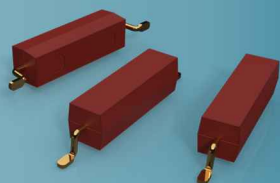
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REED SWITCH

MKA-07101M1S



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

10...40 A

Switching power

10 W, VA

Switching current

0,1 A

Carry current

0,3 A

Switching voltage

100 V

Soldering temperature

260°C/ 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,95

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

110/150 V
0,2 Ω
0,3 ms
0,1 ms
0,4 pF
1 GΩ
100 Hz
10 kHz
(1...50)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
12000 Hz
150 g
0,08 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

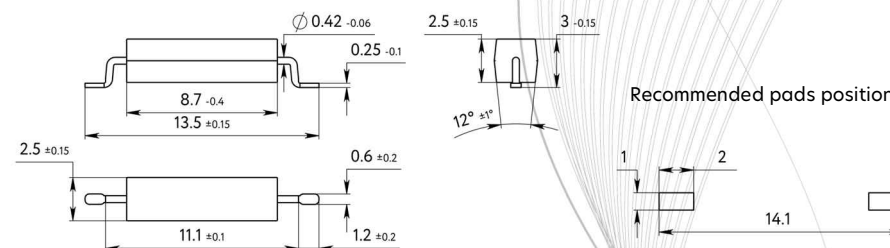
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1150
Package is carton boxes. Two blister in box. Quantity -2300
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -2100



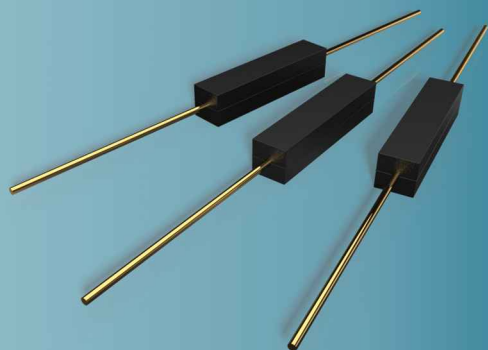
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REED SWITCH

MKA-10110M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

7...45 A

10 W, VA

0,5 A

0,5 A

100 (<15AT) 200 (>15AT) V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

3 A
0,35...0,9
less 15 A more 15 A
130/180 165/230 V
0,15 Ω
0,5 ms
0,3 ms
0,5 pF
1 G Ω
400 Hz
10 kHz
(0,1...5)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
5000 Hz
150 g
0,15 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

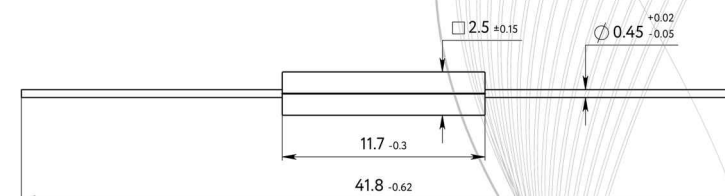
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -350
Package is carton boxes. Two blister in box. Quantity -700



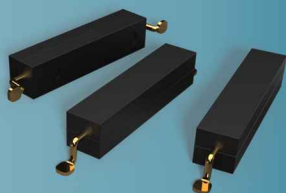
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REED SWITCH

MKA-10110MS



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

7...45 A

Switching power

10 W, VA

Switching current

0,5 A

Carry current

0,5 A

Switching voltage

100 (<15AT) 200 (>15AT) V

Soldering temperature

220°C / 20s

ELECTRICAL DATA

Release range, AT, min

3 A

Resetting Ratio

0,35...0,9

Breakdown voltage, V, not less (AC/DC)

less 15 A more 15 A
130/180 165/230 V

Contact resistance, not more

0,15 Ω

Operating time including bounce, not more

0,5 ms

Release time including bounce, not more

0,3 ms

Capacitance, not more

0,5 pF

Insulations resistance, not less

1 G Ω

Operation frequency, not more

400 Hz

Switching current frequency, not more

10 kHz

Life expectancy

(0,1...5)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more

10 g

Resonant frequency

5000 Hz

Shock (1±0,3) ms, not more

150 g

Weight, not more

0,12 g

ENVIRONMENTAL DATA

Humidity, not more

98%

Operating temperature

-60...125°C

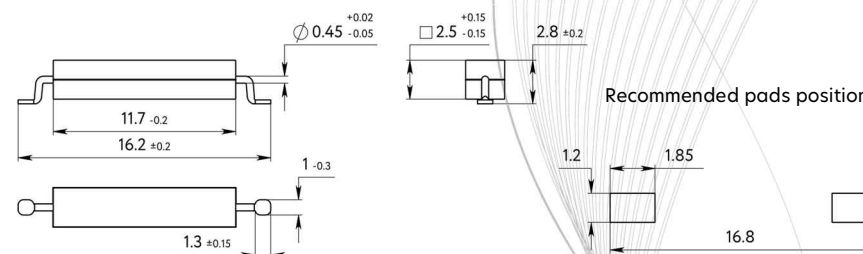
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

10^{+0,15}
5,6^{-0,075} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1000

Package is carton boxes. Two blister in box. Quantity -2000

Packaging in continuous tape according to IEC 60286-3-2013 is available.

The tape is supplied in spools. One spool, pcs. -2100



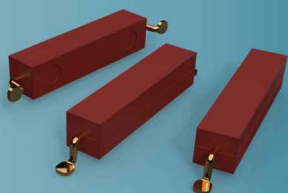
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REED SWITCH

MKA-10110M1S



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

7...45 A

Switching power

10 W, VA

Switching current

0,5 A

Carry current

0,5 A

Switching voltage

100 (<15AT) 200 (>15AT) V

Soldering temperature

260°C/ 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

3 A
0,35...0,9
less 15 A more 15 A
130/180 165/230 V
0,15 Ω
0,5 ms
0,3 ms
0,5 pF
1 G Ω
400 Hz
10 kHz
(0,1...5)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

10 g
5000 Hz
150 g
0,12 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

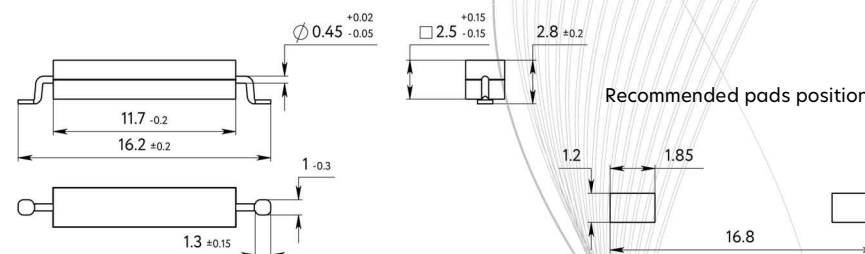
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

10^{+0,15} mm
5,6^{-0,075} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -1000
Package is carton boxes. Two blister in box. Quantity -2000
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -2100



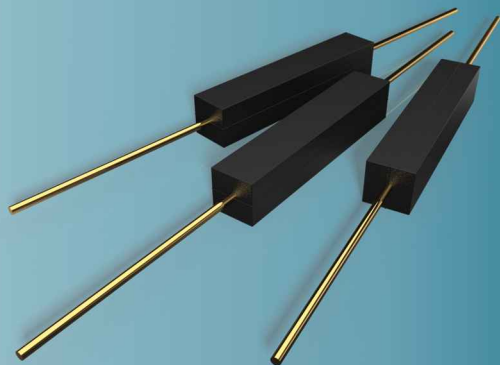
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REED SWITCH

MKA-14103M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

8...45 A

10 W, VA

1 A

1.25 A

200 V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

3 A
0,35...0,9
less 15 A more 15 A
160/220 180/250 V
0,15 Ω
1 ms
0,4 ms
0,7 pF
10 G Ω
100 Hz
10 kHz
(0,1...100)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

40 g
4000 Hz
150 g
0,25 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...155°C

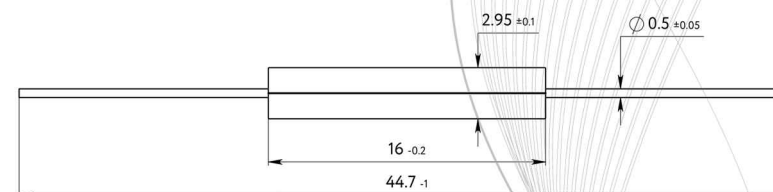
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

13^{+0,18} mm
8,1^{-0,09} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -250
Package is carton boxes. Two blister in box. Quantity -500



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REED SWITCH

MKA-14103MS



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

8...45 A

Switching power

10 W, VA

Switching current

1 A

Carry current

1.25 A

Switching voltage

200 V

Soldering temperature

220°C/ 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

3 A
0,35...0,9
less 15 A more 15 A
160/220 180/250 V
0,15 Ω
1 ms
0,4 ms
0,7 pF
10 GΩ
100 Hz
10 kHz
(0,1...100)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

40 g
4000 Hz
150 g
0,21 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...155°C

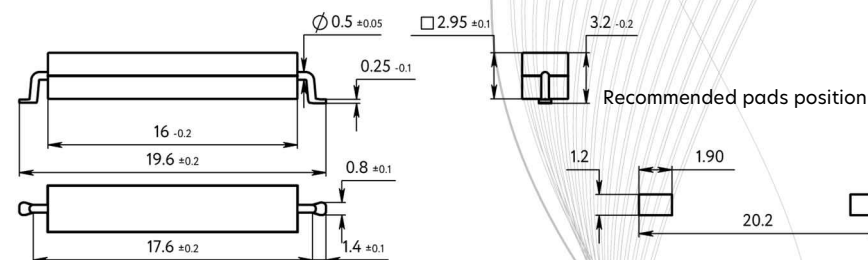
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

13^{+0,18} mm
8,1^{-0,09} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -500
Package is carton boxes. Two blister in box. Quantity -1000
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -1700



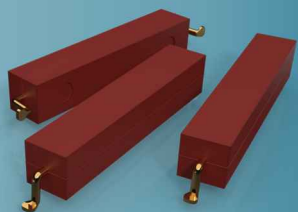
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REED SWITCH

MKA-14103M1S



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Normally Open Contacts (A)

Pull-in range (befor cutting and forming)

8...45 A

Switching power

10 W, VA

Switching current

1 A

Carry current

1.25 A

Switching voltage

200 V

Soldering temperature

260°C/ 20s

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

3 A
0,35...0,9
less 15 A more 15 A
160/220 180/250 V
0,15 Ω
1 ms
0,4 ms
0,7 pF
10 GΩ
100 Hz
10 kHz
(0,1...100)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

40 g
4000 Hz
150 g
0,21 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...155°C

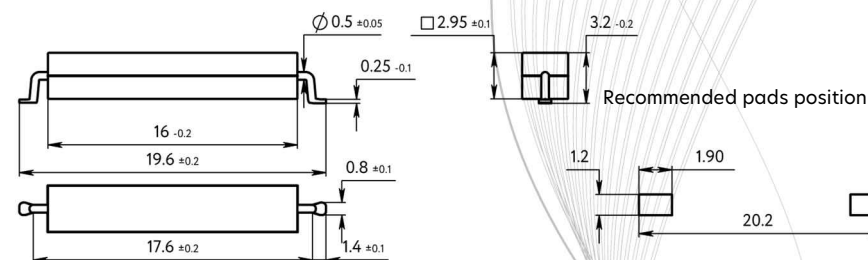
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding Ø
5000 turns, wire

13^{+0,18} mm
8,1^{-0,09} mm
Ø0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -500
Package is carton boxes. Two blister in box. Quantity -1000
Packaging in continuous tape according to IEC 60286-3-2013 is available.
The tape is supplied in spools. One spool, pcs. -1700



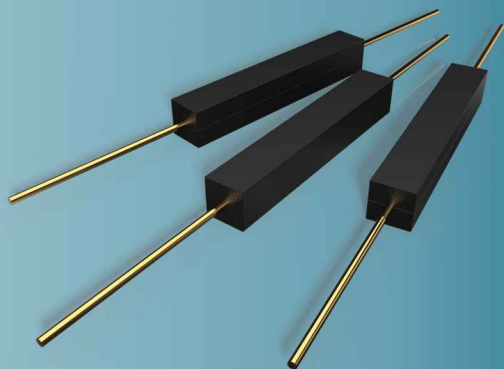
RYAZAN METAL CERAMICS INSTRUMENTATION PLANT, JSC

Version from 12.01.2024

51V Novaya St., 390027, Ryazan, Russia
Sales: +7 (4912) 24-02-34, oves@rmcip.ru www.rzmkp.com

REED SWITCH

MKA-20101M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

10...50 A

10 W, VA

0,5 A

0,5 A

180 V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

4 A
0,35...0,9
less 20 A more 20 A
160/220 200/280 V
0,15 Ω
1 ms
0,3 ms
0,4 pF
1 G Ω
100 Hz
10 kHz
(0,01...100)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

20 g
2600 Hz
150 g
0,5 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

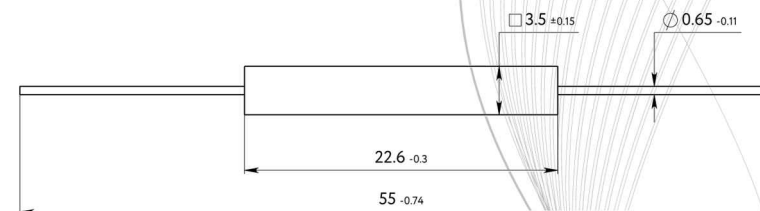
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

18,8^{+0,21} mm
7,0^{-0,09} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -200
Package is carton boxes. Two blister in box. Quantity -400



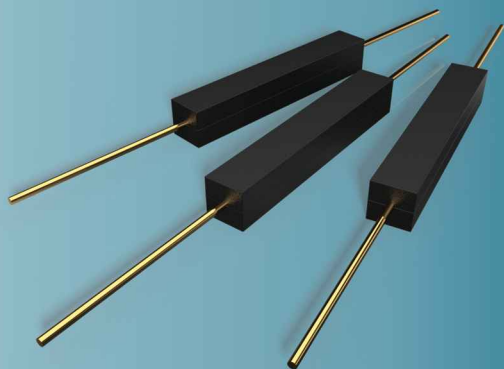
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REED SWITCH

MKA-20103M



Reed relays, Security, Limit switching, Telecoms, Office equipment (up to 10kHz)

Contact type

Pull-in range

Switching power

Switching current

Carry current

Switching voltage

Normally Open Contacts (A)

20...60 A

50 W, VA

1,0 A

2,0 A

250 V

ELECTRICAL DATA

Release range, AT, min
Resetting Ratio

8 A
0,4...0,9
less 25 A more 25 A
220/300 290/400 V

Breakdown voltage, V, not less (AC/DC)
Contact resistance, not more
Operating time including bounce, not more
Release time including bounce, not more
Capacitance, not more
Insulations resistance, not less
Operation frequency, not more
Switching current frequency, not more
Life expectancy

0,1 Ω
0,75 ms
0,3 ms
0,4 pF
10 G Ω
100 Hz
10 kHz
(0,025...10)·10⁶ switching cycles

MECHANICAL DATA

Vibration (1...500 Hz), not more
Resonant frequency
Shock (1±0,3) ms, not more
Weight, not more

30 g
2600 Hz
150 g
0,5 g

ENVIRONMENTAL DATA

Humidity, not more
Operating temperature

98%
-60...125°C

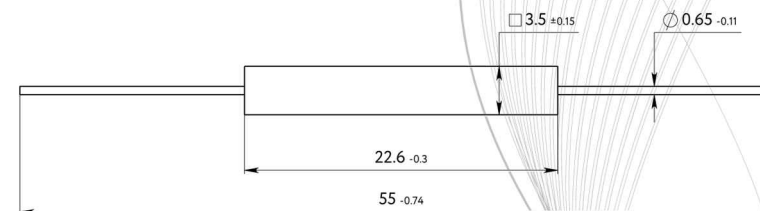
ORDER INFORMATION

Delivery of reed switches with formed and/or cropped leads and with narrow pull in ranges is available by agreements

TEST COIL

Winding length
Int. winding \varnothing
5000 turns, wire

18,8^{+0,21} mm
7,0^{-0,09} mm
 \varnothing 0,063 mm



PACKAGING

Package is carton boxes. One blister in box. Quantity -200
Package is carton boxes. Two blister in box. Quantity -400



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