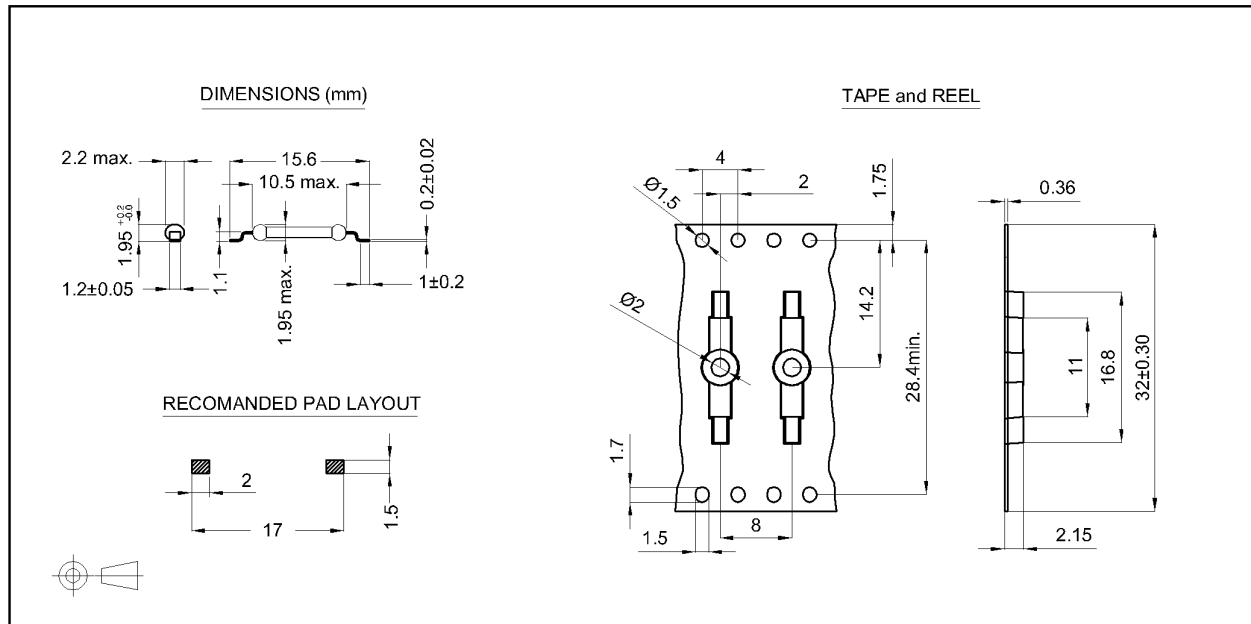


Preliminary Datasheet



| Magnetic properties | Conditions | Min | Typ | Max | Unit |
|--|---|-----------------|-----|------|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 5 | | 10 | AT |
| Pull-In | at 20 °C | 15 | | 42 | AT |
| Test equipment | | KMS-11 + AP 051 | | | |
| Pull-In in milliTesla (modified conta) | MS150 - phys. caused tolerance +/- 0.1mT | 0,87 | | 1,86 | mT |
| Test equipment | | MS-150 | | | |

| Contact data 35 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|-----------|-----|-----|------|
| Contact - No. | | 35 | | | |
| Contact-form | | A - NO | | | |
| Contact-material | | Ruthenium | | | |
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 10 | W |
| Switching voltage (<10AT) | DC or Peak AC | | | 80 | V |
| Switching current | DC or Peak AC | | | 1 | A |
| Carry current | DC or Peak AC | | | 1,5 | 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 |
| Contact resistance dynamic | Difference value 1,5 ms after excitation | | | 20 | mOhm |
| Insulation resistance | RH <45 %, 100 V test voltage | 1.000 | | | GOhm |
| Breakdown voltage (<10 AT) | according to IEC 255-5 | 100 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 0,5 | ms |
| Release time | measured with no coil excitation | | | 0,1 | ms |
| Capacity | @ 10 kHz across open switch | | 0,3 | | pF |

| Special Product Data | Conditions | Min | Typ | Max | Unit |
|----------------------|------------|-----|-----|-----|------|
| RoHS conformity | | yes | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|---------------------|-----------------------------|-----|-----|-----|------|
| Shock | 1/2 sine wave duration 11ms | | | 30 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Ambient temperature | | | | | °C |

Modifications in the sense of technical progress are reserved

Designed at: 25.01.06 Designed by: WKOVACS
 Last Change at: 23.10.06 Last Change by: RKAMP

Approval at: Approval by:
 Approval at: 25.01.06 Approval by: THEO FRITSCHI

Version: 2



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Item No.:
9231350021
Item:
MK23-35-A-2
MK23-A-2

Preliminary Datasheet

| Environmental data | Conditions | Min | Typ | Max | Unit |
|---------------------|------------|-----|-----|-----|------|
| Storage temperature | | | | | °C |

Modifications in the sense of technical progress are reserved

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Last Change at: 23.10.06 Last Change by: RKAMP

Approval at: Approval by:
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