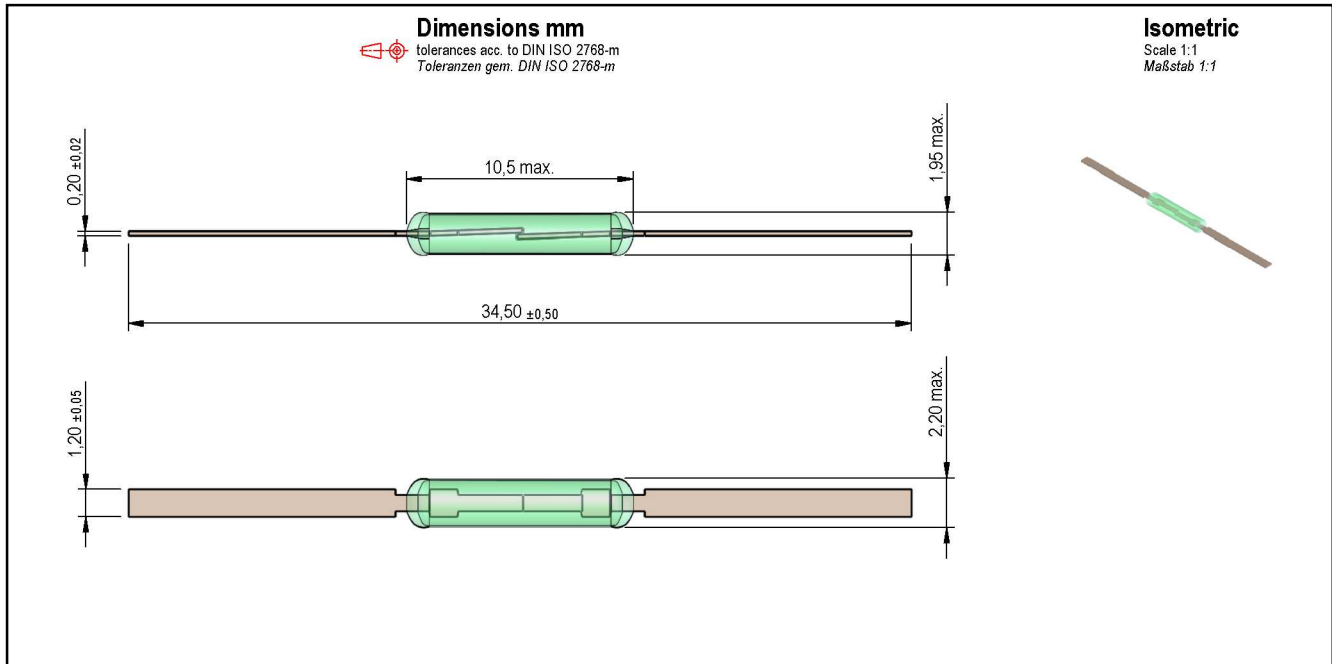


Products for tomorrow...

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 |
| Test equipment | Testing 100% | KMS-02 | | | |

| Contact data 35 | Conditions | Min | Typ | Max | Unit |
|----------------------------|---|-----------|-----|------|------|
| Contact - No. | | 35 | | | |
| Contact-form | | A | | | |
| Contact-material | | Ruthenium | | | |
| Contact rating | Any DC combination of V & A not to exceed their individual max.'s | | | 20 | W |
| Switching voltage (<10AT) | DC or Peak AC | | | 100 | V |
| Switching current | DC or Peak AC | | | 1 | A |
| Carry current | DC or Peak AC | | | 1,25 | 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 |
| 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 |
|-------------------------|------------|-----|-----|-----|------|
| Reach / RoHS conformity | | yes | | | |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------------|-------------------------------------|-----|-----|-----|------|
| Shock | 1/2 sine, duration 11 ms, in 3 axis | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Operating temperature | | -40 | | 130 | °C |
| Storage temperature | | -55 | | 130 | °C |
| Soldering Temperature Tsold | Reflow according IPC/JEDEC J-STD-0 | | | 260 | °C |

| General data | Conditions | Min | Typ | Max | Unit |
|--------------|------------|------------------|-------|-----|------|
| Total weight | | | 0,092 | | g |
| Packaging | | Carton 2500 pcs. | | | |

Modifications in the sense of technical progress are reserved

Designed at: 14.05.04 Designed by: ALICHTENSTEIN Approval at: 04.11.08 Approval by: RKAMP
 Last Change at: 25.07.11 Last Change by: KSTOPPEL Approval at: Approval by: