



tolerances according to DIN ISO 2768 m

| Magnetical properties | Conditions | Min | Typ | Max | Unit |
|--------------------------------------|---|--------|-----|-----|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 42 | | 45 | AT |
| Test-Coil | Reed switch unmodified | KMS-01 | | | |

| Contact data 52 | Conditions | Min | Typ | Max | Unit |
|----------------------------|--|---------|-----|-----|------|
| Contact-No. | | 52 | | | |
| Contact-form | | A | | | |
| Contact-material | | Rhodium | | | |
| Contact rating | consider any combination of V & A AC RMS 70 VA | | | 50 | W |
| Switching voltage | DC or Peak AC | | | 350 | V |
| Switching current | DC or Peak AC | | | 0,5 | A |
| Carry current | DC or Peak AC | | | 2,5 | 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 |
| Insulation resistance | RH <45 %, 100 V test voltage | 10 | | | GOhm |
| Breakdown voltage(>35 AT) | according to IEC 255-5 | 600 | | | VDC |
| Operate time incl. bounce | measured with 40% overdrive | | | 1,1 | ms |
| Release time | measured with no coil excitation | | | 0,1 | ms |
| Capacity | @ 10 kHz | | 0,5 | | pF |

| Contact dimensions | Conditions | Min | Typ | Max | Unit |
|--------------------|--------------------------------|-----|------|-----|------|
| Overall length | Tolerance according to drawing | | 55,4 | | mm |
| Glass body length | Tolerance according to drawing | | 21 | | mm |

| Environmental data | Conditions | Min | Typ | Max | Unit |
|-----------------------|-----------------------------|-----|-----|-----|------|
| Shock | 1/2 sine wave duration 11ms | | | 50 | g |
| Vibration | from 10 - 2000 Hz | | | 20 | g |
| Ambient temperature | | -20 | | 130 | °C |
| Storage temperature | | -55 | | 130 | °C |
| Soldering temperature | max. 5 sec | | | 260 | °C |