



| Magnetical properties                | Conditions  | Min    | Typ | Max  | Unit |
|--------------------------------------|---|--------|-----|------|------|
| Pull-In excitation (Reference value) | Reed switch unmodified measured in coil- "define operation" | 16,5   |     | 17,4 | AT   |
| Test-Coil                            | Reed switch unmodified                                      | KMS-01 |     |      |      |

| Contact data 46           | Conditions   | Min     | Typ | Max | Unit |
|---------------------------|--|---------|-----|-----|------|
| Contact-No.               |  | 46      |     |     |      |
| Contact-form              |  | A       |     |     |      |
| Contact-form              |  | Rhodium |     |     |      |
| Contact rating            | combination of switching voltage and current not to exceed their individual max.'s |         |     | 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    |
| Contact resistance static | Measured with 40% overdrive Start Value  |         |     | 150 | mOhm |
| Insulation resistance     | RH <45 %, 100 V test voltage   | 1 000   |     |     | GOhm |
| Breakdown voltage         | according to IEC 255-5   | 225     |     |     | VDC  |
| Operate time incl. bounce | measured with 40% overdrive  |         |     | 0,7 | ms   |
| Release time              | measured with no coil excitation   |         |     | 0,1 | ms   |
| Capacity                  | @ 10 kHz   |         | 0,3 |     | pF   |

| 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   |