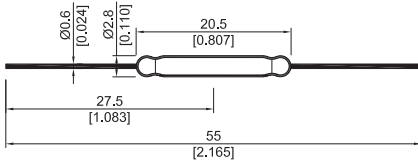


DIMENSIONS

All dimensions in mm [inches]



CHARACTERISTICS

- Glass length of 20.5 mm and diameter of 2.8 mm
- Normally open 1 Form A contact
- Carry current up to 2.5 A
- High breakdown voltage up to 2 kVDC
- Good RF switch

CONTACT DATA

| All Data at 20 °C | Switch Model → Contact Form → | KSK-1A53-... Form A | | | |
|--|---|------------------------|------|------|-------|
| Contact Ratings | Conditions | Min. | Typ. | Max. | Units |
| Switching Power* | Any DC combination of V and A not to exceed their individual max.'s | | | 10 | W |
| Switching Voltage | DC or peak AC | | | 220 | V |
| Switching Current | DC or peak AC | | | 1.0 | A |
| Carry Current | DC or peak AC | | | 2.5 | A |
| Static Contact Resistance | at 0.5 V & 10 mA | | | 150 | mΩ |
| Dynamic Contact Resistance | measured w/ 0.5 V & 50 mA, 1.5 ms after closure | | | 200 | mΩ |
| Insulation Resistance cross Contacts | 100 Volts applied | 10 ¹⁰ | | | Ω |
| Breakdown Voltage | > 60 sec. | 2 | | | kVDC |
| Release Time incl. Bounce | 100 % overdrive | | | 0.75 | ms |
| Release Time | measured with/ no coil suppression | | | 0.1 | ms |
| Capacitance | at 10 kHz across contact | | 0.2 | | pF |
| Test Coil ** | | KMS-01 | | | |
| Standard AT range | | 20 | | 50 | AT |
| Environmental Data | | | | | |
| Shock Resistance | 1/2 sine wave for 11 ms | | | 50 | g |
| Vibration Resistance | 10 - 2000 Hz | | | 20 | g |
| Ambient Temperature | max. 10 °C / minute allowance | -20 | | 130 | °C |
| Stock Temperature | max. 10 °C / minute allowance | -55 | | 130 | °C |
| Soldering Temperature | 5 sec. dwell | | | 260 | °C |
| Note: The indicated electric data are maximum values can vary downwards when using a more sensitive switch. * For life expectancy see our test section on Page 116. ** See our test section on Page 116. | | | | | |

ORDER INFORMATION

Part Number Example - KSK - 1A53 - 2025

2025 is the AT range (Any AT can be ordered between 20 & 50 in a minimum range of 5 AT)

| Series | Contact Form | Switch Model | At Range (between) |
|---------|--------------|--------------|--------------------|
| KSK - | 1A | 53 - | xxxx |
| Options | | | 20 -50 |