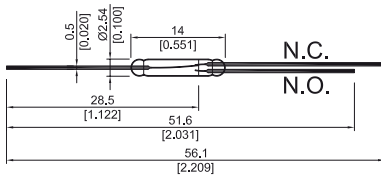


DIMENSIONS

All dimensions in mm [inches]



CHARACTERISTICS

- Glass length of 14.0 mm and diameter of 2.54 mm
- Single pole double throw Form C

CONTACT DATA

| All Data at 20 °C | Switch Model → Contact Form → | KSK-1C90U-... Form C | | | |
|--|---|-------------------------|------|------|-------|
| Contact Ratings | Conditions | Min. | Typ. | Max. | Units |
| Switching Power* | Any DC combination of V and A not to exceed their individual max.'s | | | 20 | W |
| Switching Voltage | DC or peak AC | | | 175 | V |
| Switching Current | DC or peak AC | | | 0.5 | A |
| Carry Current | DC or peak AC | | | 1 | 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 | | | 250 | mΩ |
| Insulation Resistance cross Contacts | 100 Volts applied | 10 ⁹ | | | Ω |
| Breakdown Voltage | > 60 sec. | 200 | | | VDC |
| Release Time incl. Bounce | 100 % overdrive | | | 0.7 | ms |
| Release Time | measured with/ no coil suppression | | | 1.5 | ms |
| Capacitance | at 10 kHz across contact | | 1.0 | | pF |
| Test Coil | | KMS-01 | | | |
| Standard AT range | | 10 | | 40 | 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 120. | | | | | |

ORDER INFORMATION

| Series | Contact Form | Switch Model | AT Range (between) |
|---------|--------------|--------------|--------------------|
| KSK - | 1C | 90U - | xxxx |
| Options | | | 10 - 40 |

Part Number Example - KSK - 1C90U - 2527

2527 is the AT range (Any AT can be ordered between 10 & 40 in a minimum range of 2 AT)