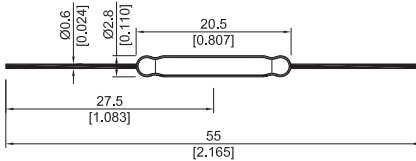


## DIMENSIONS

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 <sup>10</sup>			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
<b>Environmental Data</b>					
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