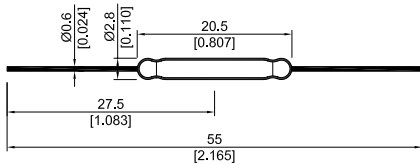


DIMENSIONS

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
Contact Rating *	Any DC combination of V & 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	w/ 0.5V & 10mA			150	mΩ
Dynamic Contact Resistance	Measured w/ 0.5V & 50mA 1.5 ms after closure			200	mΩ
Insulation Resistance across Contacts	100 Volts applied	10 ¹⁰			Ω
Breakdown Voltage	Voltage applied for 60 sec. min.	2			kVDC
Operate Time, Incl. Bounce	Measured w/ 100% overdrive			0.75	ms
Release Time	Measured w/ no coil suppression			0.1	ms
Capacitance	@ 10kHz across contact		0.2		pF
Test Coil **		KMS-01			
Standard AT range		20		50	AT
Environmental Data					
Shock Resistance	1/2 sine wave duration 11ms			50	g
Vibration Resistance	From 10 - 2000 Hz			20	g
Ambient Temperature	10 °C/ minute max. allowable	-20		130	°C
Storage Temperature	10 °C/ minute max. allowable	-55		130	°C
Soldering Temperature	5 sec. dwell			260	°C
Please note: The indicated electrical data are maximum values and can vary downwards when using a more sensitive switch.					
* For life expectancy see our life test section located on page 151.					
** See our test coil section located on page 157.					

ORDER INFORMATION

SERIES	CONTACT FORM	SWITCH MODEL	AT RANGE (between)
KSK -	1A	53 -	XXXX
OPTIONS			20 50

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)