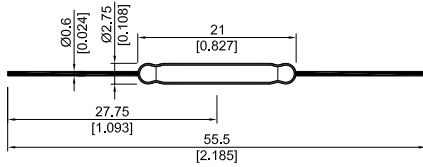


## DIMENSIONS

All dimensions in mm [inches]



## CHARACTERISTICS

- Glass length of 21.0 mm and diameter of 2.75 mm
- Normally open 1 Form A contact
- Switching voltage up to 1000 VDC
- Breakdown voltage up to 4.0 kVDC
- Switching current 1 A
- Carry current 2.5 A
- 100 W switching

## CONTACT DATA

All data at 20 °C	Switch Model → Contact Form →	KSK-1A85-... Form A			
Contact Ratings	Conditions	Min.	Typ.	Max.	Units
Contact Rating *	Any DC combination of V & A not to exceed their individual max.'s			100	W
Switching Voltage	DC or peak AC			1	kV
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 <sup>10</sup>			Ω
Breakdown Voltage	Voltage applied for 60 sec. min.	4			kVDC
Operate Time, incl. Bounce	Measured w/ 100% overdrive			1.0	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		60	AT
<b>Environmental Data</b>					
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	85 -	XXXX
OPTIONS			20 60

**Part Number Example - KSK - 1A85 - 2030**

2030 is the AT range (Any AT can be ordered between 20 & 60 in a minimum range of 10 AT)