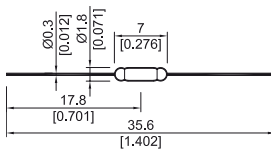


## DIMENSIONS

All dimensions in mm [inches]



## CHARACTERISTICS

- Glass length of 7 mm and diameter of 1.8 mm
- Normally open 1 Form A contact
- Small glass length

## CONTACT DATA

All Data at 20 °C	Switch Model → Contact Form →	KSK-1A80... 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			170	V
Switching Current	DC or peak AC			0.5	A
Carry Current	DC or peak AC			0.5	A
Static Contact Resistance	at 0.5 V & 10 mA			200	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 <sup>9</sup>			Ω
Breakdown Voltage	> 60 sec.	210			VDC
Release Time incl. Bounce	100 % overdrive			0.6	ms
Release Time	measured with/ no coil suppression			0.1	ms
Capacitance	at 10 kHz across contact		0.2		pF
Test Coil		KMS-02			
Standard AT range		10		70	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 120.					

## ORDER INFORMATION

Series	Contact Form	Switch Model	AT Range (between)
KSK -	1A	80 -	xxxx
Options			10 - 70

**Part Number Example -** KSK - 1A80 - 2530

**2530** is the AT range (Any AT can be ordered between 10 & 70 in a minimum range of 5 AT)