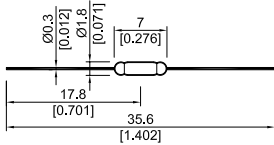


DIMENSIONS

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			Units
		Min.	Typ.	Max.	
Contact Ratings	Conditions				
Contact Rating *	Any DC combination of V & 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	w/ 0.5V & 10mA			200	mΩ
Dynamic Contact Resistance	Measured w/ 0.5V & 50mA 1.5 ms after closure			250	mΩ
Insulation Resistance across Contacts	100 Volts applied	10 ⁹			Ω
Breakdown Voltage	Voltage applied for 60 sec. min.	210			VDC
Operate Time, incl. Bounce	Measured w/ 100% overdrive			0.6	ms
Release Time	Measured w/ no coil suppression			0.1	ms
Capacitance	@ 10kHz across contact		0.2		pF
Test Coil **		KMS-02			
Standard AT range		10		70	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	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)

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