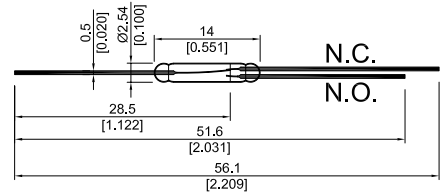


CHARACTERISTICS

- Glass length of 14.0 mm and diameter of 2.54 mm
- Single pole double throw Form C

DIMENSIONS

All dimensions in mm [inches]



CONTACT DATA

All data at 20 °C	Switch Model → Contact Form →	KSK-1C90U-... Form C			
Contact Ratings	Conditions	Min.	Typ.	Max.	Units
Contact Rating *	Any DC combination of V & A not to exceed their individual max.'s			20***	W
Switching Voltage	DC or peak AC			175	V
Switching Current	DC or peak AC			1***	A
Carry Current	DC or peak AC			2***	A
Static Contact Resistance	w/ 0.5V & 10mA			150	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.	200			VDC
Operate Time, incl. Bounce	Measured w/ 100% overdrive			0.7	ms
Reset Time	Measured w/ no coil suppression			1.5	ms
Capacitance	@ 10kHz across contact		1.0		pF
Test Coil **		KMS-01			
Standard AT range		10		40	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.					
*** Dependent on AT. Please consult factory.					

ORDER INFORMATION

Part Number Example - KSK - 1C90U - 2527

2527 is the AT range (Any AT can be ordered between 10 & 40 in a minimum range of 2 AT)

SERIES	CONTACT FORM	SWITCH MODEL	AT RANGE (between)
KSK -	1C	90U -	XXXX
OPTIONS			10 40