

# GR-165

## Form C Reed Switch

### Electrical Characteristics

Contact Form (ASA)		C
Contact material		Ru
Contact rating max.	W / VA	3
Switching current max.	A	0.25
Carry current max.	A	1.0
Switching voltage max.	VDC	130
	VAC	100
Breakdown voltage min.	VDC	200
Contact resistance (initial)	mΩ	150
Isolation resistance min.	Ω	10 <sup>9</sup>
Capacitance typ.	pF	1.2

### Magnetical Characteristics

Pull in range available	AT	15-40
Drop out min.	AT	5
Test coil		109

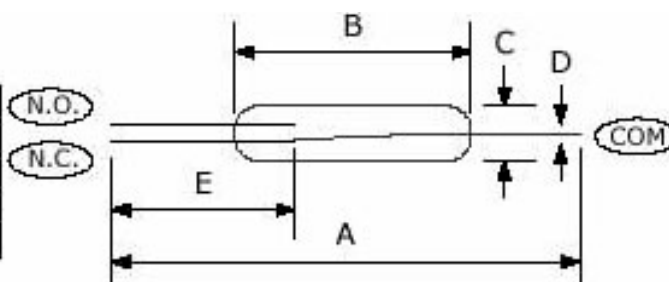
### Operating Characteristics

Operate time max. (incl. bounce)	ms	2.5
Release time max.	ms	0.8
Switching frequency max.	Hz	100
Resonate frequency max.	Hz	6,000
Vibration (50-2000 Hz)	g	30
Shock (1 / 2 sin 11 ms)	g	50
Operating temperature	°C	-55 to +125

### Dimensions

<b>A = Total length nom.</b>	52.60
<b>B = Glass length max.</b>	14.50
<b>C = Glass diameter max.</b>	2.54
<b>D = Wire diameter nom.</b>	0.56
<b>E = Gap location</b>	25.91

in mm



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