

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 ⁹
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
Resonant frequency typ.	Hz	6,000
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	50
Operating temperature	°C	-55 to +125

Dimensions

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

in mm

