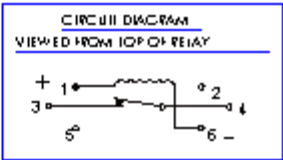
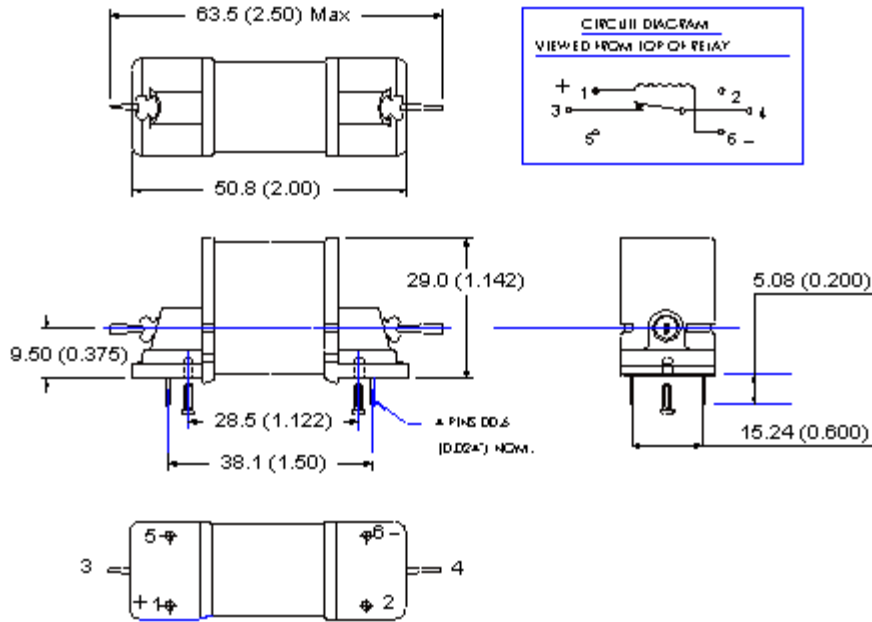


# GR6JNB218

# 8 kV

No Load Switching  
RoHS Compliant, date code 0701 and later



- | FEATURES  |
|---|
| • RF efficient design offers high power handling in a small package                         |
| • High voltage solder connections provide additional external isolation from PC boards      |
| • Mechanical life of 100 million operations is ideal for high speed, long life RF switching |
| • Vacuum dielectric offers low stable contact resistance                                    |

PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	GR6JNB218
Contact Form		B
Contact Arrangement		SPST-NC
<b>Voltage Ratings</b>		
Between Contacts	kV Peak	8
Contacts to Coil	kV Peak	8
<b>Current Carry , Max.</b>		
@ DC	Amps	8
@ 30 Mhz	Amps	6
Contact Resistance	Ohms	0.050
<b>Capacitance</b>		
Across Open Contacts	pF	0.6
Closed Contacts to Ground	pF	2.5
Initial Insulation Resistance	GigaOhms	10
Operate Time*	ms	3
Release Time*	ms	2
Mechanical Life	cycles	100 million
Weight, Nominal	g (oz)	24 (0.85)
Vibration, Operating, Sine(10-500 Hz Peak)	G's	10
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	100
<b>Temperature Range</b>		
Operating	°C	-40 to +85
Storage	°C	-55 to +125

COIL RATINGS		
Volts, Nominal	Units	GR6JNB218
Volts, Nominal	Vdc	12
Voltage, Max.	Vdc	15
Pickup, Max.	Vdc	8
Dropout, Max.	Vdc	2
Coil Resistance	Ohms	380

\*Operate and release times are with external diode suppression, @ 25°C.

For more information, refer to [Relay User Instructions](#)

03/02/10



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