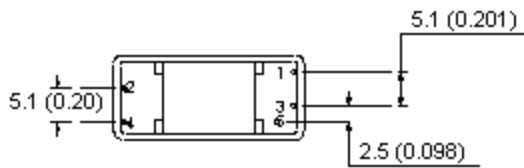
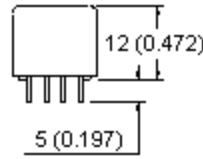
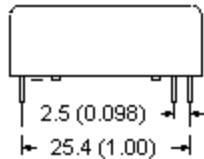
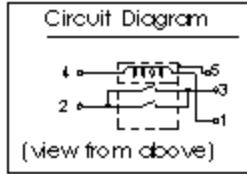
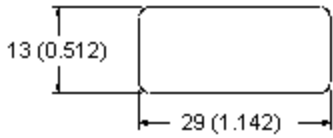


# GR6CBA335

# 2 kV

No Load Switching  
RoHS Compliant, date code 0701 and later



PIN DETAILS: PINS 1, 4, 5 - 0.6mm SQUARE  
PINS 2, 3 - 0.7mm DIA ROUND

FEATURES	
<b>GR6CBA335</b>	
•	RF efficient design offers high power handling in a small package
•	High resistance coil means low current requirement for driver circuits
•	RF screen helps assure interference free operation when relays are mounted side by side
•	PC pins provide the ultimate choice for connectivity and ease of mounting
•	Vacuum dielectric offers low stable contact resistance



PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	GR6CBA335
Contact Form		A
Contact Arrangement		SPST-NO
<b>Voltage Ratings</b>		
Between Contacts	kV Peak	2
Contacts to Coil	kV Peak	2
Contacts to Screen	kV Peak	2
Coil to Screen	kV Peak	.5
<b>Current Carry , Max.</b>		
@ DC	Amps	6
@ 30 Mhz	Amps	6
Contact Resistance	Ohms	0.025
<b>Capacitance</b>		
Across Open Contacts	pF	0.3
Closed Contacts to Ground	pF	6
Initial Insulation Resistance	GigaOhms	10
Operate Time*	ms	2
Release Time*	ms	0.5
Mechanical Life	cycles	100 million
Weight, Nominal	g (oz)	7 (0.24)
Vibration, Operating, Sine(10-2000 Hz Peak)	G's	30
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	100
<b>Temperature Range</b>		
Operating	°C	-20 to +70
Storage	°C	-35 to +110

COIL RATINGS		
Volts, Nominal	Units	GR6CBA335
Volts, Nominal	Vdc	24
Voltage, Max.	Vdc	30
Pickup, Max.	Vdc	16
Dropout, Max.	Vdc	4
Coil Resistance	Ohms	1000
RF Screen, Inner	Pin #	S1

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

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

03/02/10