

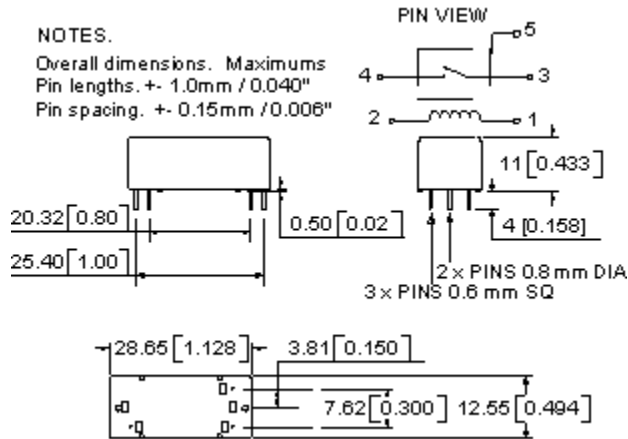
# GR3BJA335

# 1.5 kV

No Load Switching  
RoHS Compliant, date code 0701 and later



NOTES.  
Overall dimensions. Maximums  
Pin lengths. +- 1.0mm / 0.040"  
Pin spacing. +- 0.15mm / 0.006"



FEATURES	
<b>GR3BJA335</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	GR3BJA335
Contact Form		A
Contact Arrangement		SPST-NO
<b>Voltage Ratings</b>		
Between Contacts	kV Peak	1.5
Contacts to Coil	kV Peak	1.5
Contacts to Screen	kV Peak	1.5
Coil to Screen	kV Peak	.5
<b>Current Carry , Max.</b>		
@ DC	Amps	3
@ 30 Mhz	Amps	3
Contact Resistance	Ohms	0.050
<b>Capacitance</b>		
Across Open Contacts	pF	0.3
Closed Contacts to Ground	pF	4
Initial Insulation Resistance	GigaOhms	10
Operate Time*	ms	0.8
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		
	Units	GR3BJA335
Volts, Nominal	Vdc	28
Voltage, Max.	Vdc	33
Pickup, Max.	Vdc	19
Dropout, Max.	Vdc	2
Coil Resistance	Ohms	2500
RF Screen, Inner	Pin #	S1

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

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

01/11/11