

GR6HBA318

7 kV

No Load Switching

RoHS Compliant, date code 0701 and later

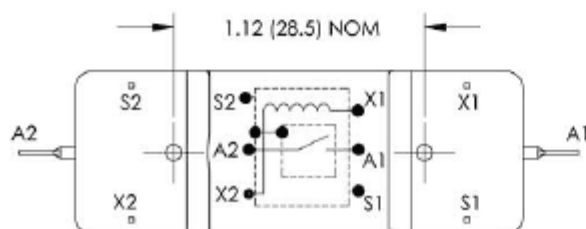
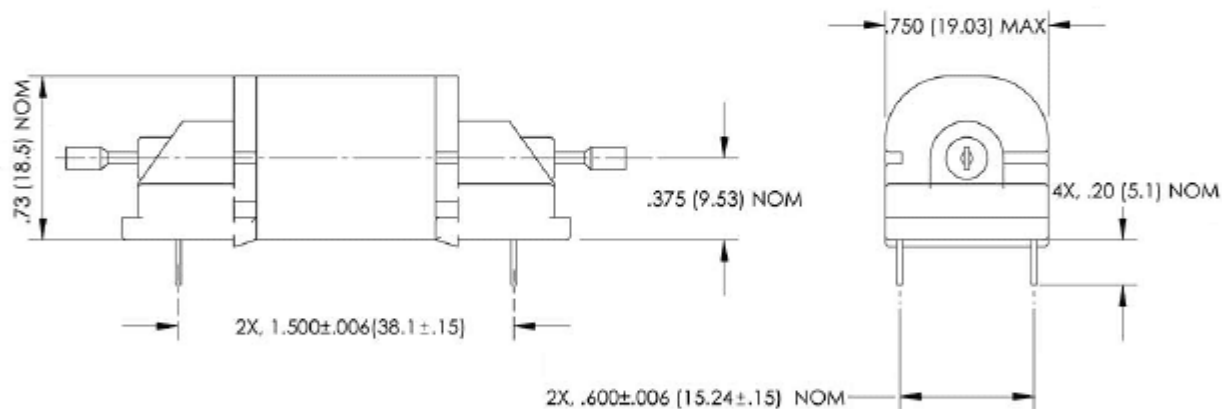
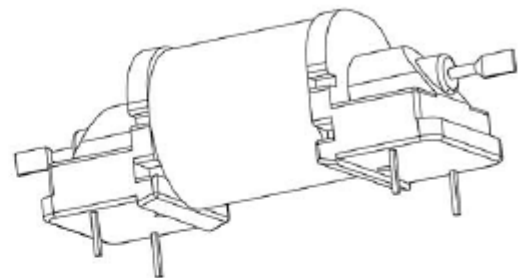
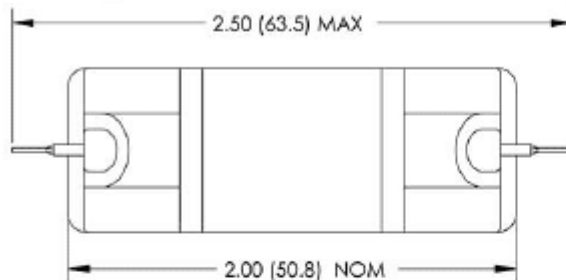


FEATURES

- RF efficient design offers high power handling in a small package
- RF screens help assure interference free operation when relays are mounted side by side
- 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

NOTES:

1. DIMENSIONS IN PARENTHESIS ARE IN MM.
2. PIN DIMENSIONS ARE .024 (.61) NOM. SQUARE.
3. RECOMMENDED PCB HOLES .043 (1.0).



PRODUCT SPECIFICATIONS		
Contact & Relay Ratings	Units	GR6HBA318
Contact Form		A
Contact Arrangement		SPST-NO
Voltage Ratings		
Between Contacts	kV Peak	7
Contacts to Coil	kV Peak	7
Contacts to Screen	kV Peak	7
Coil to Screen	kV Peak	.5
Current Carry , Max.		
@ DC	Amps	10
@ 30 Mhz	Amps	6
Contact Resistance	Ohms	0.050
Capacitance		
Across Open Contacts	pF	0.4
Closed Contacts to Ground	pF	5
Initial Insulation Resistance	GigaOhms	10
Operate Time*	ms	2
Release Time*	ms	1
Mechanical Life	cycles	100 million
Weight, Nominal	g (oz)	24 (0.85)
Vibration, Operating, Sine(10-500 Hz Peak)	G's	20
Shock, Operating, 1/2 Sine 11ms (Peak)	G's	100
Temperature Range		
Operating	°C	-40 to +85
Storage	°C	-55 to +125

COIL RATINGS		
Volts, Nominal	Units	GR6HBA318
Volts, Nominal	Vdc	24
Voltage, Max.	Vdc	31
Pickup, Max.	Vdc	15
Dropout, Max.	Vdc	2
Coil Resistance	Ohms	1,000
RF Screen, Inner	Pin #	S1
RF Screen, Outer	Pin #	S2

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

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

01/11/11