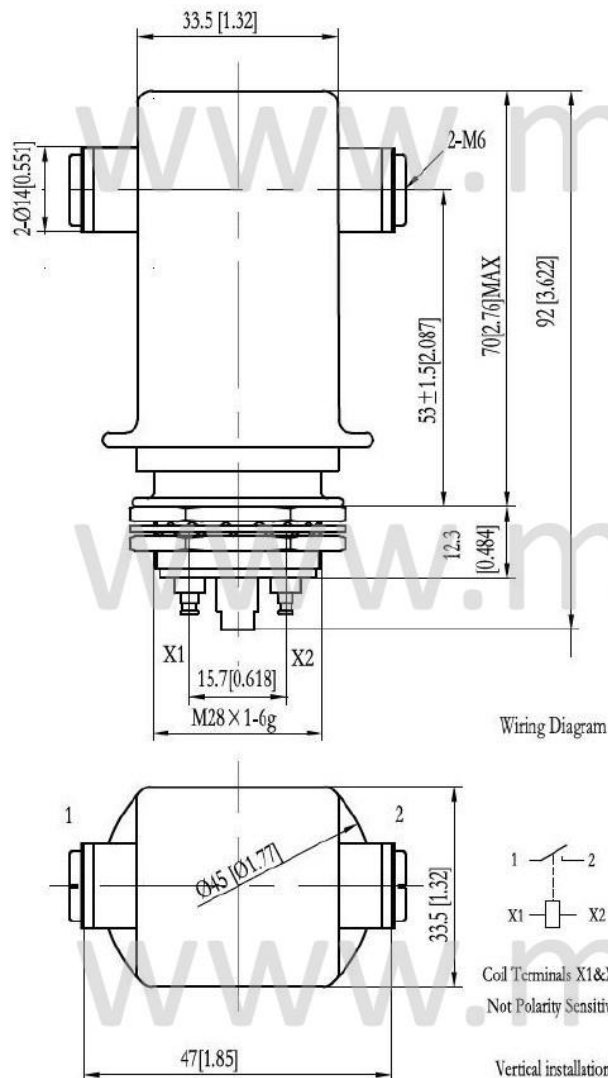


V20

- Rugged, high current carry ceramic relay
- Carries 30 Amps at 32 MHz
- Copper contacts; not designed for power switching



※ : Order the relay with the coil voltage in the part number as shown above. The coil voltage will appear on the coil plate near the coil terminals rather than in the pin on the relay.
 ※ ※: Consult factory for load switching applications.

PRODUCT SPECIFICATIONS

Item		Unit	Value
Contact Form		—	X
Contact Arrangement		—	SPST-NO
Contact Material (moveable/stationary)			molybdenum /copper
Dielectric			Vacuum
Maximum Peak Test Voltage, Contacts and to Base (15µA Leak Current Max.) dc or 60Hz		kV	30
Maximum Peak Operating Voltage, Contacts and to Base (15µA Leak Current Max.)	dc or 60Hz	kV	28
	2.5MHz	kV	22
	16MHz	kV	12
	32MHz	kV	10
Current,Load Switching ※ ※			Contact factory
Current, Continuous Carry Max	dc or 60Hz	A	110
	2.5MHz	A	60
	13.56MHz	A	40
	32MHz	A	30
Coil Hi-Pot (V RMS, 60 Hz)		V	500
Capacitance	Across Open Contacts	pF	2.5
	Contacts to Ground	pF	2.5
Operate Time		ms	18
Release Time		ms	10
Resistance, Contact Max @ 1A, 28 Vdc		Ω	0.005
Operating Temperature Ambient		°C	-55 ~ +125
Vibration, Operating, Sine (55-500 Hz Peak)		G's	10
Shock, Operating, 1/2 Sine11ms (Peak)		G's	30
Life, Mechanical		Cycles	2 million
Weight, Nominal		g(oz)	345(12)

COIL RATINGS

Nominal, Volts dc	12	26.5	115
Pick-up, Volts dc, Max.	8	16	80
Drop-Out, Volts dc	.5~5	1~10	5~50
Coil Resistance (Ω ±10%)	24	120	2000
※ Ratings Listed are for 25°C, Sea Level Conditions			

PART NUMBER SYSTEM

Series: High Voltage/Power **V20— W P — 12 Vdc**

Terminal Connections

Contact Leads Out: W=Screw

Mounting: P=Through Panel

Coil Voltage ※: Blank=26.5Vdc, -12Vdc=12Vdc, -115Vdc=115Vdc

Ordering Information:

MGS MAX-GAIN SYSTEMS, INC.

150 Dodd Street SE, Marietta, GA. 30060 | Cage: 7JZZ8
 Phone: (770) 973-6251 | Fax: (678) 401-3854 | EIN: 58-1857241
 Website: www.mgs4u.com | E-Mail: sales@mgs4u.com | UEI: NSM7F253Z2F1