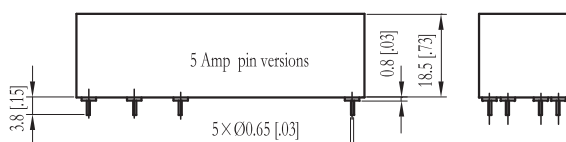
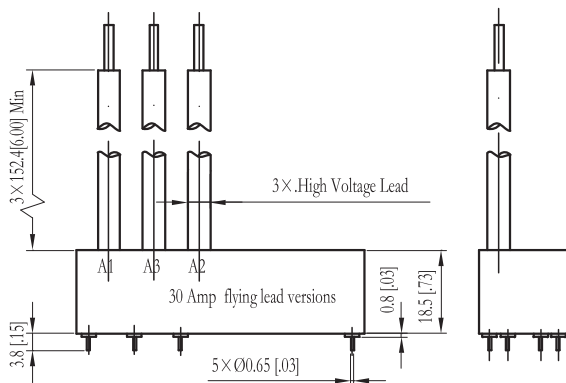
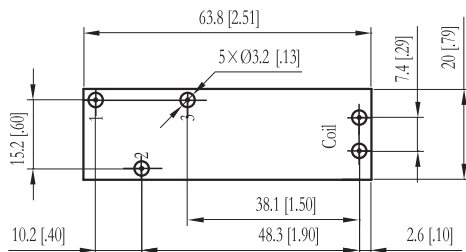
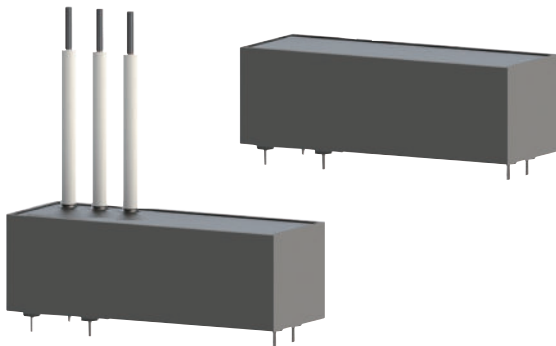


# V81C

## Make & Break Load Switching — 10 kV Relays

### PRODUCT FACTS

- SPDT version of V81;
- Vacuum dielectric for power switching low current loads;
- Flying lead version will carry 10 Amps continuous current;
- PCB mount version will carry 5 Amps continuous current.



### PRODUCT SPECIFICATIONS

Item	Unit	V81C
Contact Form	—	C
Contact Arrangement	—	SPDT
Test Voltage, DC or 60Hz (Peak)	kV	11
Rated Operating Voltage (Peak) DC or 60 Hz	kV	10
Continuous Carry Current, Max. DC or 60 Hz	A	5 30*(1)
Contact Resistance Max	Ω	0.05
Operate Time Max.	ms	10
Release Time Max.	ms	10
Operating Temperature Ambient	°C	-55 ~ +85
Shock ,11ms, 1/2 Sine (Peak)	G's	30
Vibration, Peak (50-500 Hz )	G's	10
Mechanical Life,	Cycles	2 million
Weight, Nominal	g(oz)	70.87(2.5)

### 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%)	70	290	4700

Ratings Listed are for 25°C, Sea Level Conditions

### ORDERING INFORMATION

#### Sample Part Number

Series: V81 C 3 4 5  
 Contact Form: C  
 C= SPDT  
 Coil Voltage: 3  
 2 = 12 Vdc, PC Board 3 = 26.5 Vdc, PC Board  
 5 = 115 Vdc, PC Board  
 High Voltage Connections: 3  
 3 = PCB Solder Connection — 5 Amp  
 4 = Flying Leads— 30 Amp  
 Mounting: 5  
 5 = PC Board

#### Notes:

(1). 5 Amp carry for PC pin versions ,30 Amp carry for Flying lead versions .