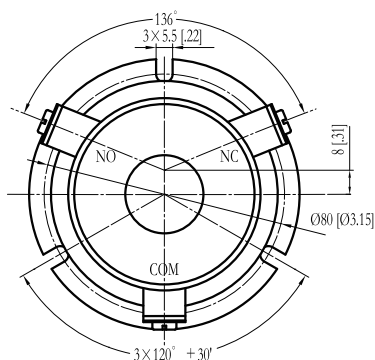
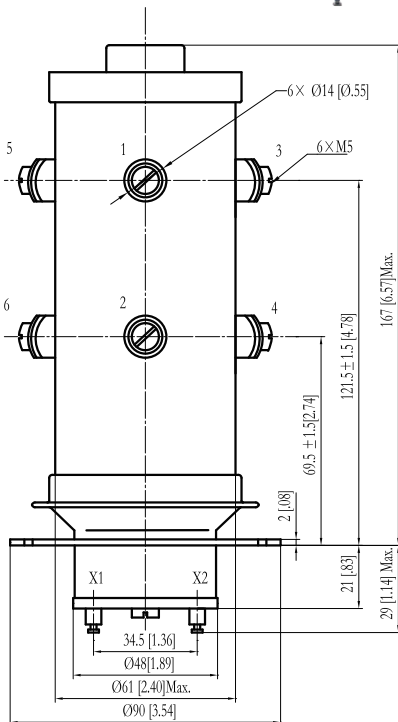
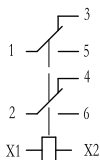


## V53

- Carry current 150A DC, small size
- Low and stable contact resistance minimizes the loss in RF circuits
- Solder or threaded mounting options



Wiring Diagram



Coil Terminals X1&X2  
Not Polarity Sensitive

Vertical installation

- ※ : 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	—	C	
Contact Arrangement	—	DPDT	
Contact Material (moveable/stationary)	—	molybdenum /copper	
Dielectric		Vacuum	
Maximum Peak Test Voltage, Contacts and to Base (15µA Leak Current Max.) dc or 60Hz	kV	25	
Maximum Peak Operating Voltage, Contacts and to Base (15µA Leak Current Max.)	dc or 60Hz	kV	20
	2.5MHz	kV	15
	13.56MHz	kV	10
Current,Load Switching ※ ※		Contact factory	
Current, Continuous Carry Max	dc or 60Hz	A	150
	2.5MHz	A	70
	13.56MHz	A	45
Coil Hi-Pot (V RMS, 60 Hz)	V	500	
Capacitance	Across Open Contacts	pF	5
	Contacts to Ground	pF	5
Operate Time	ms	100	
Release Time	ms	15	
Resistance, Contact Max @ 1A, 28 Vdc	Ω	0.012	
Operating Temperature Ambient	°C	-55 ~ +125	
Shock, Operating, 1/2 Sine11ms (Peak)	G's	30	
Vibration, Operating, Sine (10-2000 Hz Peak)	G's	10	
Life, Mechanical	Cycles	1 million	
Weight, Nominal	g(oz)	1600(56)	

### COIL RATINGS

Nominal, Volts dc	26.5
Pick-up, Volts dc, Max.	16
Drop-Out, Volts dc	1~10
Coil Resistance (Ω ±10%)	60
Ratings Listed are for 25°C,Sea Level Conditions	

### PART NUMBER SYSTEM

Series: High Voltage/Power **V53** — **W** **F** —  
 Terminal Connections  
 Contact Leads Out: W=Screw  
 Mounting: F=Flange  
 Coil Voltage ※ : Blank=26.5Vdc