SPST Vacuum Relays
RF 52, 53, 71, 73

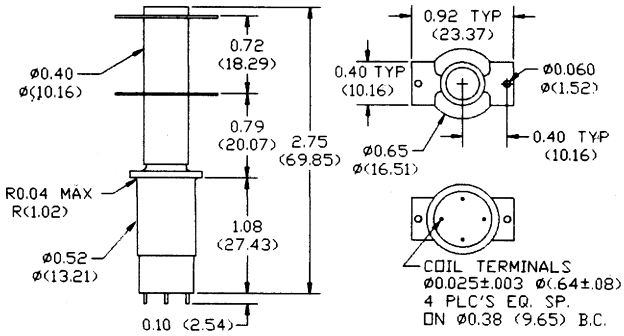
SPECIFICATIONS

Model Number	RF73	RF52 RF53 RF71**
Test Voltage (kV Peak) 60 Hz	17	17.5
Rated Operating Voltage (kV Peak) DC or 60 Hz	15	12
2.5 MHz	12	12
16 MHz	9	9
32 MHz	7	7
Continous Current, Carry (Amps, RMS) DC or 60 Hz	45	15
2.5 MHz	35	12
16 MHz	25	6
32 MHz	15	4
Contact Capacitance (pF) Between Open Contacts	1.2	.8
Open Contacts to Ground	1.2	.8
Contact Resistance (mΩ)	5	20
Operate Time (ms. Max.)	4	15, 8**
Release Time (ms. Max.)	4	15, 3**
Pull-in Voltage @ 25° C, 26.5 VDC Coil	16	16
12 VDC Coil	N/A	8
Dropout Voltage @ -55 to 125° C, 26.5 VDC Coil	N/A	1-10
12 VDC Coil	N/A	1-5
Coil Resistance (Ohms ± 10%) 26.5 VDC Coil	80	290
12 VDC Coil	N/A	48
Shock, 1/2 Sine 11 ms. (Peak g's)	30	30
Vibration, Peak g's		
55-500 Hz	10	10
500-1000 Hz	10	-
1000-2000 Hz	10	-
Expected Mechanical Life Cycles ($X10^6$)	1	1
Weight, Ounces (Grams) Max.	2 (57)	1 (28)

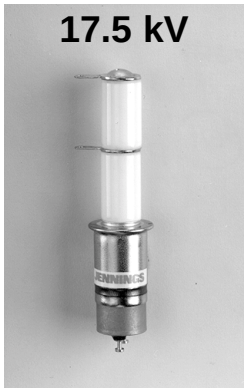
FLANGE CROSS REFERENCE	
Model Number	**Flange Version**
RF52-26S	RF52D-26S
RF53-26S	RF53D-26S

14 kV

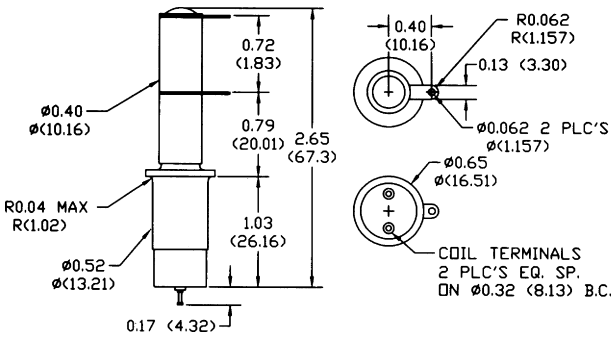
- **RF73-26S**
  Latching. Compact size. High current rating, 35 Amps RMS at 2.5 MHz. High operating voltage 12 kV Peak at 2.5 MHz. Fast Operating, 4 ms. operating time.
  Note: Requires heat sink, consult factory.



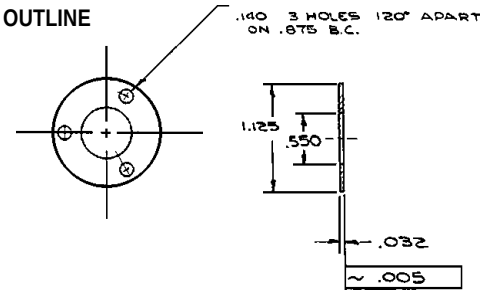
17.5 kV



- **RF52-26S**
  Ground isolated.
- **RF53-26S**
  N/O version of RF52.
- **RF71-12S**
  12 VDC version of RF53. Differences in Operate and Release Time.



FLANGE OUTLINE



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