

**Kilovac H-19** *Make & Break Load Switching*



**Features:**

- 20 kV operating voltage
- Vacuum dielectric and tungsten contacts for power switching low current loads
- Double pole, double throw contacts
- Available with corona shield connectors
- Meets requirements of MIL-R-83725

**Kilovac H-17** *Make & Break Load Switching*



**Features:**

- Will isolate 12 kV at 32 MHz
- Tungsten contacts suitable for power switching low current loads
- Available with corona shield connectors
- Meets requirements of MIL-R-83725
- QPL version available, M83725/2

PRODUCT SPECIFICATIONS			
Part Number	Units	H-19	H-17
Contact Arrangement .....		DPDT	SPDT
Contact Form .....		2C	C
Test Voltage (dc or 60Hz) .....	kV Peak	25	30
Rated Operating Voltage .....	kV Peak		
dc or 60 Hz .....		20	25
2.5 MHz .....		15	20
16 MHz .....		10	15
32 MHz .....		7	12
Continuous Carry Current , Maximum .....	Amps		
dc or 60 Hz .....		30	30
2.5 MHz .....		18	16
16 MHz .....		9	10
32 MHz .....		6	8
Coil Hi-Pot (V RMS, 60 Hz) .....		500	500
Contact Capacitance .....	pF		
Between Open Contacts .....		1	1
Open Contacts to Ground .....		2.5	2.5
Contact Resistance, Maximum .....	ohms	0.015	0.015
Operate Time, Maximum .....	ms	30	25
Release Time, Maximum .....	ms	20	25
Shock, 11 ms 1/2 Sine .....	Peak G's	30	20
Vibration, 10 G's Peak .....	Hz	55-500	55-500
Operating Ambient Temperature Range .....	°C	-55 to +125	-55 to +125
Mechanical Life (Operations x 10 <sup>6</sup> ) .....	Cycles	1	1
Weight, Nominal .....	oz.	8.5	7

COIL DATA			
Nominal, Volts dc	12	26.5	115
Pickup, Volts dc, Maximum	8	16	80
Drop-Out, Volts dc	.5 - 5	1 - 10	5 - 50
Coil Resistance (Ohms ±10%)	H-19	48	225
	H-17	24	120
		2100	2900

Ratings listed are for 25°C, sea level conditions

**PART NUMBER SELECTION**

Sample Part No. H- 17 /12Vdc

Model  
H-19  
H-17

Coil Voltage \_\_\_\_\_  
Blank = 26.5 Vdc  
/12Vdc = 12 Vdc  
/115Vdc = 115 Vdc