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 10^6)	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	2100
	H-17	24	120	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