



A	M16
B	25.4MM
C	8MM
D	T=2MM
E	∅28
F	13MM
G	24.4MM
H	5MM
I	24MM
J	T=7.5MM
K	L=48.5MM
L	∅17.5
M	86.5MM

Electrical Characteristics

Material	PPS
Color	Black
Power Rating <sup>1</sup>	70VA maximum
Switching Current (Max.)	1.5 Amp. DC, 1.5 Amp. AC
Carry Current (Max.)	2.5 Amp. DC, 2.5 Amp. AC
Switching Voltage (Max.)	200 VDC, 300 VAC
Breakdown Voltage (Min. @20AT) <sup>2</sup>	750 Volts DC
Contact Resistance <sup>3</sup>	100 Milliohms
Insulation Resistance (Min.)	10 <sup>12</sup> ohms
Contact Capacitance (pf Max.)	0.3 pf

### Minimum Switching Life with Standard Test Loads, using 20AT switch

Voltage	24 VDC	100 VDC	125 VAC	240 VDC	240 VAC
Current	10 mA	100 mA	80 mA	40 mA	40 VA lamp load, 5 sec period, 10% duty cycle
Life	$5 \times 10^6$	$1 \times 10^6$	$1 \times 10^6$	$2 \times 10^5$	$5 \times 10^5$

### Operating Characteristics

Operate Time, including bounce (typ.)	0.8 Milliseconds
Release Time (typ.)	0.1 Milliseconds
Resonant Frequency (typ.)	2.2 kHz
Vibration, 10-2,000 Hz (G's Max.)	30 G
Shock, 11-ms. 1/2 Sine wave (G's Max.)	100 G
Operating Temperature	-30°C to + 150°C

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