Features

- Radial leaded Devices
- Cured,flame retardant epoxy polymer insulating material meets UL94V-0 requirements
- Bulk packaging,or tape and reel available on most models

Applications

Almost anywhere there is a low voltage power supply, up to DC30V and a load to be protested, including:

- Personal computer
- Medical electronics
- Peersonal care product

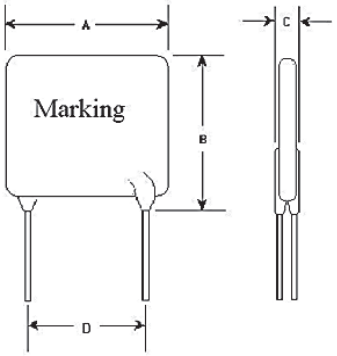


Fig1

Product dimensions(mm)

Model	Fig	A(max)	B(max)	C(max)	D(typ)
K16-300	1	9.0	12	3	5.1
K16-400	1	10.0	13	3	5.1
K16-500	1	10.7	17.5	3	5.1
K16-600	1	13.5	17.5	3	5.1
K16-700	1	13.5	23	3	5.1
K16-800	1	13.5	23	3	5.1
K16-900	1	15.0	24	3	5.1
K16-1000	1	18.0	26	3	5.1
K16-1100	1	18.0	26	3	5.1
K16-1200	1	22.5	25	3	10.2
K16-1300	1	24.0	30	3	10.2
K16-1400	1	24.0	30	3	10.2

Physical Characteristcs

Material:Leads	
ALL	Tin plated copper,20AWG,0.80mm

Environmental Specifications

Test	**conditions**	**Resistance change**
Passive aging	+85℃,100hts	±8% typical
Humidity aging	+85℃,85%R.H.,100hrs	±8% typical
Thermal shock	+125℃,to-55℃,10times	±12% typical
Resistance to solvent	MIL-STD-202,Method 215	No change
Vibration	MIL-STD-202,Method 201	No change

Storage conditions:-40℃ to 85℃

Electrical characteristics(25℃)

Model	Ihold	Itrip	Vmax	Imax	Pd max	Maximum Time To Trip		Resistance		
						Current	Time	Rmin	Rmax	R1max
	(A)	(A)	(Vdc)	(A)	(w)	(A)	(S)	(mΩ)	(mΩ)	(mΩ)
K16-300	3	6	16	100	2.3	9	15	20	60	80
K16-400	4	8	16	100	2.4	12	15	20	40	60
K16-500	5	10	16	100	2.6	15	15	14	25	33
K16-600	6	12	16	100	2.8	18	15	10	21	31
K16-700	7	14	16	100	3.0	21	15	8	15	20
K16-800	8	16	16	100	3.0	24	15	6	13	18
K16-900	9	18	16	100	3.3	27	25	4	12	16
K16-1000	10	20	16	100	3.7	30	30	4	11	15
K16-1100	11	22	16	100	3.7	33	30	3	9	13
K16-1200	12	24	16	100	4.2	36	30	3	8	11
K16-1300	13	26	16	100	4.2	39	50	3	8	11
K16-1400	14	28	16	100	4.2	40	50	3	7	10

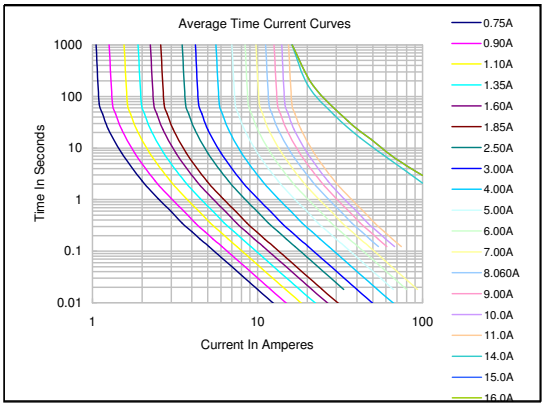
Ihold	Hold Current:Maximum current device will not trip in 25℃ still air.
Itrip	Trip current:Minimum current at which the device will always trip in 25℃ still air
Vmax	Maximum operating volatge device can withstand without damage at ratde current(imax).
Imax	Maximum fault current device can withstand without damage at rated voltage(Vmax).
Pd	Typical power dissipatde from device when in the tripped state in 25℃ still air.
Rmin/max	Minimum/Maximum device resistance prior to tripping at 25℃.
R1max	Maximum resistance of device at 25℃ measured one hour after trippde tripping.

*CAUTION Operation beyond the specified rating may result in damage and possible arcing.

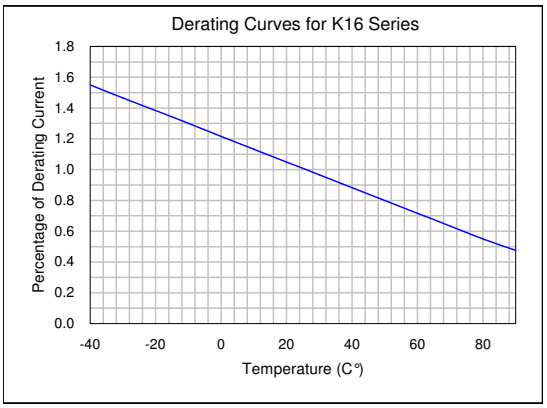
Thermal Derating Chart-IH(A)

Part number	Maximum ambidnt operating temperatures(℃)								
	-40	-20	0	25	40	50	60	70	80
K16-300	4.4	4.0	3.6	3.0	2.6	2.4	2.1	1.9	1.4
K16-400	5.9	5.3	4.8	4.0	3.5	3.2	2.8	2.5	1.9
K16-500	7.3	6.6	6.0	5.0	4.4	4.0	3.6	3.1	2.4
K16-600	8.8	8.0	7.2	6.0	5.2	4.8	4.2	3.8	2.8
K16-700	10.3	9.3	8.4	7.0	6.2	5.6	5.0	4.4	3.3
K16-800	11.7	10.7	9.6	8.0	6.9	6.4	5.6	5.1	3.7
K16-900	13.2	11.9	10.7	9.0	7.9	7.2	6.4	5.6	4.2
K16-1000	14.7	13.3	12.0	10.0	8.7	8.0	7.0	6.3	4.7
K16-1100	16.1	14.6	13.1	11.0	9.7	8.8	7.8	6.9	5.2
K16-1200	17.6	16.0	14.4	12.0	10.4	9.6	8.4	7.6	5.6
K16-1400	20.5	18.7	16.8	14.0	12.1	11.2	9.8	8.9	6.5

Typical Time-To-Trip Curve At 25℃



Thermal Derating Curve



Package Information

Bulk:

K16-300～800	1000pcs per bag
K16-900	500pcs per bag
K16-1000～1400	200pcs per bag