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 DC60V and a load to be protested, including:

- Telecommumications system
- Network switching
- Power transformers
- Communication equipment

Electrical characteristics(25℃)

Model	I_{hold}	I_{trip}	V_{max} OP	V_{max} Interrupt	I_{max}	$P_{d\ max}$	Maximum Time To Trip		Resistance		
							Current	Time	Rmin	Rmax	R1max
	(A)	(A)	(Vdc)	Vrms	(A)	(w)	(A)	(S)	(Ω)	(Ω)	(Ω)
K600-110U	0.11	0.20	60	600	3	1.0	1.00	8	6	16	24
K600-150U	0.15	0.30	60	600	3	1.0	1.00	9	5	14	22
K600-160U	0.16	0.32	60	600	3	1.0	1.00	10	4	12	18

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 OP	Maximum operating volatge(Vdc) device can withstand without damage at ratde current(Imax).
Vmax Interrupt	Maximum interrupt volatge(Vac) device can withstand without damage at ratde current.
Imax	Maximum fault current device can withstand without damage at rated voltage.
Pd	Typical power dissipatde from device when in the tripped state in 25℃ still air
Rmin/max	Minimum device resistance prior to tripping at 25℃.
Rmax	Maximum device resistance prior to tripping at 25℃.
R1max	Maximum device resistance one hour after it is trippde at 25℃ .

*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
K600-110U	0.175	0.152	0.132	0.110	0.091	0.080	0.070	0.060	0.046
K600-150U	0.238	0.211	0.183	0.150	0.128	0.115	0.101	0.088	0.067
K600-160U	0.250	0.220	0.195	0.160	0.137	0.123	0.110	0.095	0.074

Dimensions (mm)

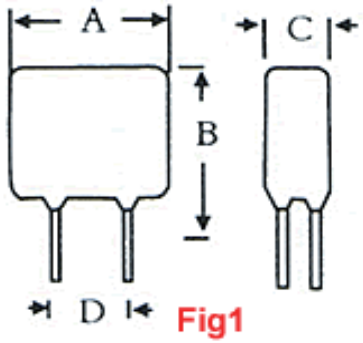


Fig1

Product dimensions (mm)

Model	Fig	A(max)	B(max)	C(max)	D(typ)
K600-110	1	14.0	14.0	6	5.1
K600-150	1	14.0	14.0	6	5.1
K600-160	1	14.0	14.0	6	5.1

Physical Characteristcs

Material:Leads

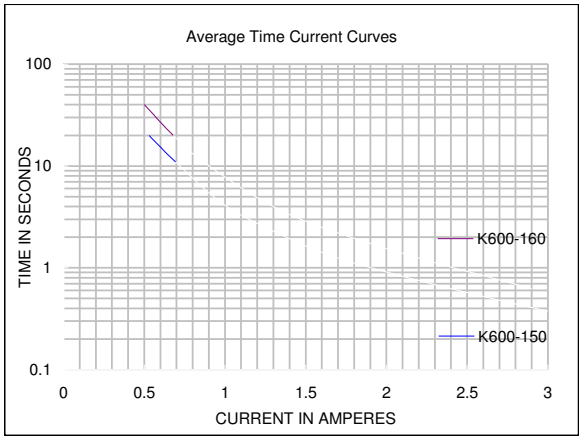
ALL	Tin plated copper,20AWG,080mm

Environmental Specifications

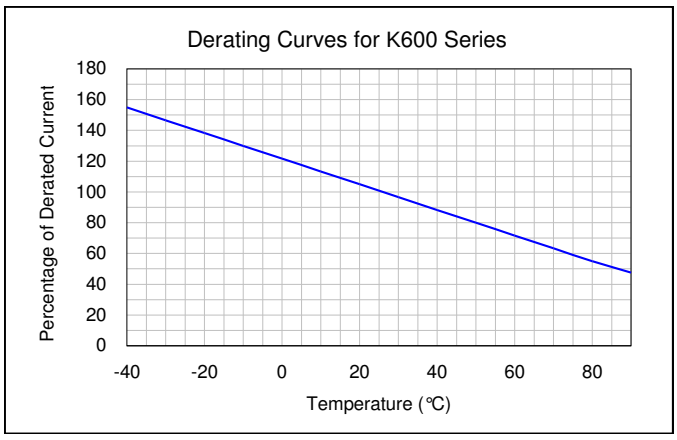
Test	conditions	Resistance change
Passive aging	+85℃,100hts	±8% typical
Humidity aging	+85℃,85%R.H.,100hrs	±8% typical
Thermal shock	+125℃,to-55℃,10times	±12% typical
Resistance to solvent	MIL-STD-202,Method 215	No change
Vibration	MIL-STD-202,Method 201	No change

Storage conditions:-40℃ to 85℃

Typical Time-To-Trip At 25℃



Thermal Derating Curve



Package Information

Bulk:

k600-110u～160	500pcs per bag