

FEATURES

- . Glass passivated chip junction
- . Bi-directional
- . RoHS compliant
- . 15000A surge capability at 8 x 20µsec waveform
(per IEC-61000-4-5)
- . Excellent clamping capability
- . Coating powder has Underwriters Laboratory
Flammability Classification 94V-0
- . Operation and storage temperature : -40°C~125°C



for reference only

MECHANICAL DATA

Terminal: Ag Plated leads , solderable per
MIL-STD-750,Method 2026

Mounting Position: any

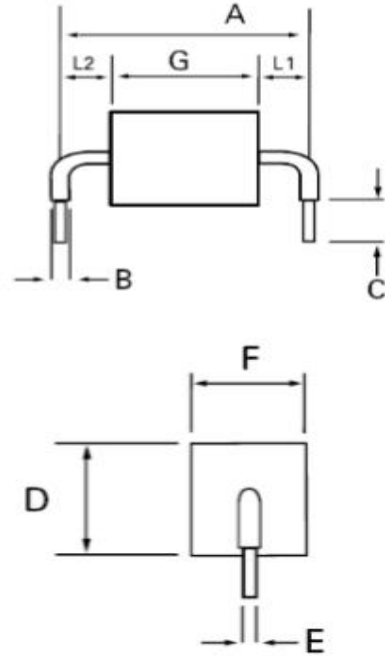
Electrical Characteristics

part number	Stand Off Voltage (V _{so})	Max. Reverse Leakage (I _R) @VR	Reverse Breakdown Voltage (V _{BR}) @I _T (Volts)		Test Current I _T	Peak Pulse Current I _{pp} (A)(NOTE 1)
	Volts	uA	Min.	Max.	mA	I _{pp} Amps
AK15-015C	15	10	16	19	10	15,000
AK15-020C	20	10	22	24	10	15,000
AK15-025C	25	10	28	30	10	15,000
AK15-030C	30	10	32	37	10	15,000
AK15-042C	42	10	47	51	10	15,000
AK15-058C	58	10	64	70	10	15,000
AK15-066C	66	10	72	80	10	15,000
AK15-076C	76	10	85	95	10	15,000
AK15-150C	100	10	110	120	10	15,000
AK15-133C	133	10	147	162	10	15,000
AK15-150C	150	10	158	194	10	15,000
AK15-170C	170	10	179	220	10	15,000
AK15-190C	190	10	200	245	10	15,000
AK15-208C	208	10	223	246	10	15,000

NOTE 1 : Using 8*20 uS wave shaped difined in IEC 61000-4-5

Dimensions

Dimenditions	Inches	Millimeters
A	0.95 ± 0.04	24.15 ± 1.00
B	0.095 ± 0.024	2.40 ± 0.6
C-030/058/ 066/076	0.236 ± 0.04	6.00 ± 1.00
C	0.145 ± 0.04	3.68 ± 1.00
D	0.57max.	14.48max
E	0.05 ± 0.002	1.27 ± 0.05
F	0.500max.	12.7max.
G-030	0.167 ± 0.04	4.23 ± 1.00
G-058/066/076	0.20 ± 0.04	5.08 ± 1.00
G-170/190	0.362 ± 0.04	9.2 ± 1.00
G-240	0.42 ± 0.04	10.67 ± 1.00
G-380/430	0.65 ± 0.04	16.5 ± 1.00
L1	0.31 ± 0.04	7.87 ± 1.00
L1-030	0.393 ± 0.04	9.96 ± 1.00
L1-380/430	0.17 ± 0.04	4.50 ± 1.00
L2=A-(G-L1)tolerance ± 0.04inch (1.0mm)		



Ratings and Characteristic Curves (TA=25°C unless otherwise noted)

Fig.1 - Test Pulse Waveform

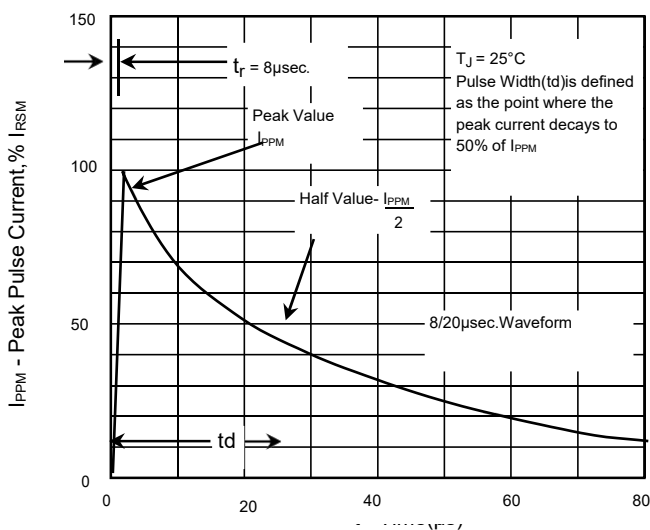
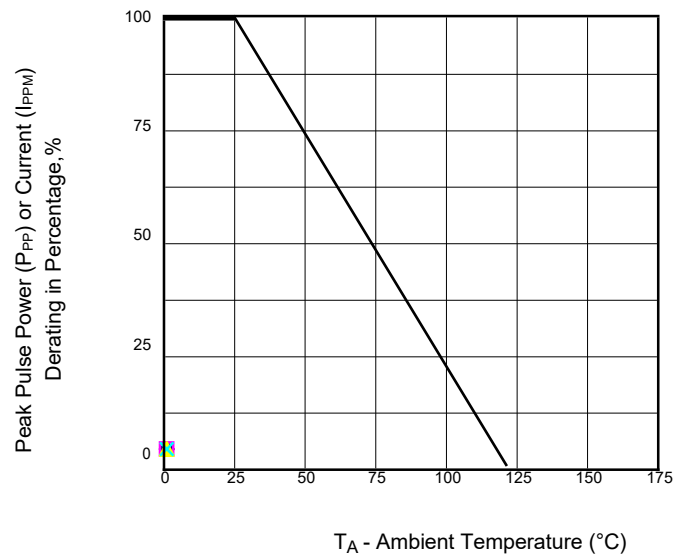


Fig.2 - Pulse Derating Curve



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