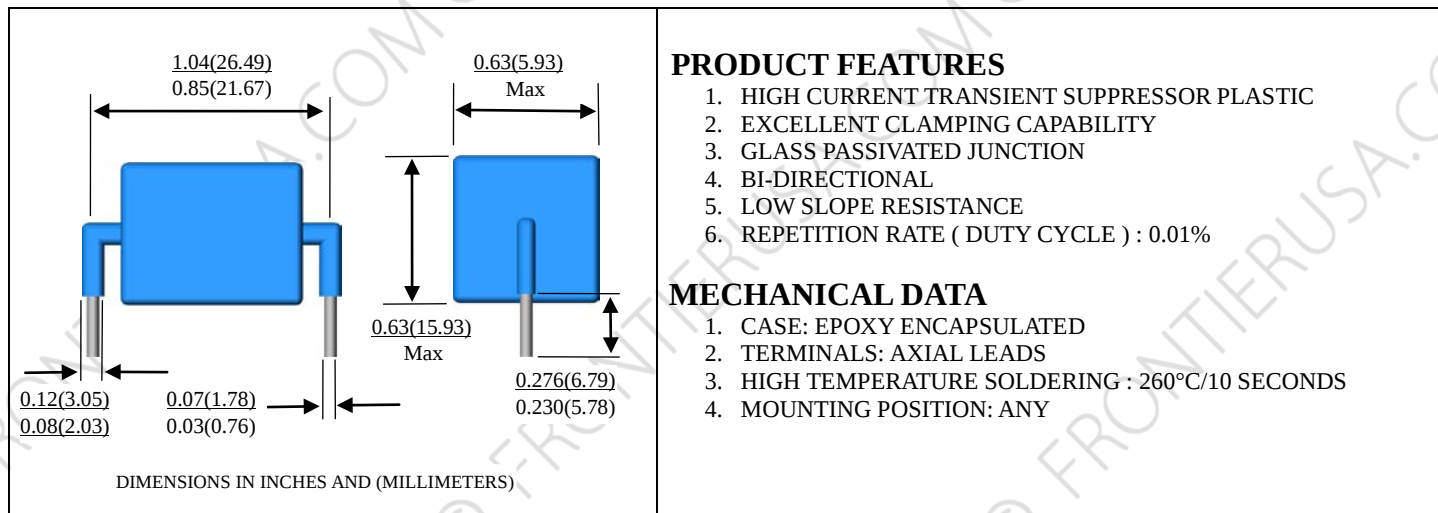




6KA SERIES SPECIFICATION

Rev. A

12V TO 380V AXIAL LEAD TRANSIENT VOLTAGE SUPPRESSORS



MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

- RATINGS AT 25°C AMBIENT TEMPERATURE UNLESS OTHERWISE SPECIFIED
- SINGLE PHASE, HALF WAVE, 60 HZ, RESISTIVE OR INDUCTIVE LOAD
- FOR CAPACITIVE LOAD, DERATE CURRENT BY 20%

PARAMETERS	SYMBOL	VALUE	UNITS
CURRENT RATING , RATED IPP MEASURED WITH 8/20 uS PULSE	I _{pp}	6.0	KA
OPERATING JUNCTION AND STORAGE TEMPERATURE RANGE	T _J , T _{STG}	-55 to 150	°C

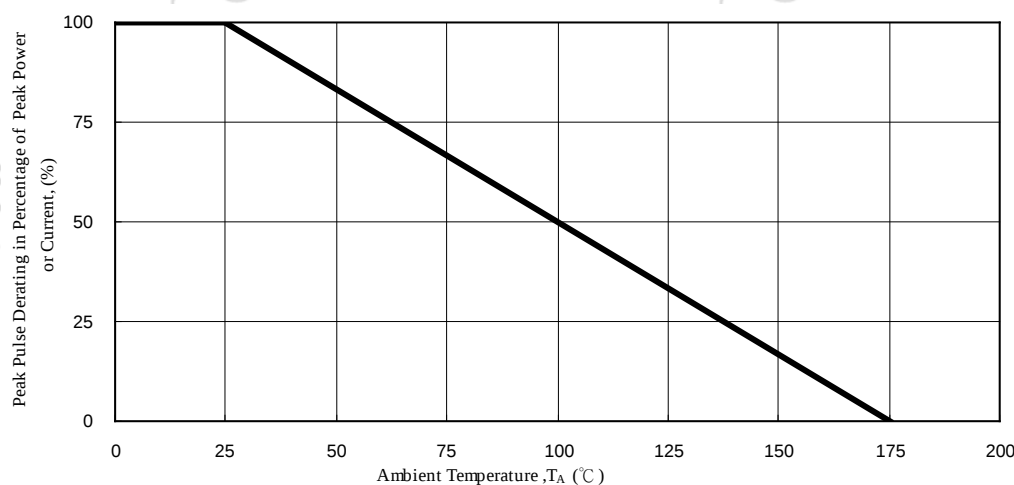
PART NUMBER	REVERSE STAND-OFF VOLTAGE		BREAKDOWN VOLTAGE	TEST CURRENT	CURRENT RATING	MAXIMUM ENERGY	MAXIMUM CLAMPING VOLTAGE	REVERSE CURRENT (LEAKAGE)
	VAC(V)	VDC(V)	VBR(V) MIN.@IT	IT(mA)	8/20μs (KA)	10/1000μs(A)	VC(V) @IPP	IR(μA) @VDC
6KA-012	8.5	12.8	14	1	6	1000	28	20
6KA-015	11	15	17	1	6	1300	30	20
6KA-020	14	20	22	1	6	1600	40	20
6KA-025	17	25	28	1	6	1900	50	20
6KA-030	21	30	33	1	6	2400	60	20
6KA-042	30	42	47	1	6	3400	77	20
6KA-058	40	58	64	1	6	4900	110	20
6KA-066	45	66	70	1	6	5200	125	20
6KA-076	54	76	83	1	6	5600	135	20
6KA-100	72	100	110	1	6	8500	165	20
6KA-133	100	133	147	1	6	10600	220	20
6KA-170	130	170	180	1	6	14000	260	20
6KA-190	145	190	200	1	6	16800	290	20
6KA-200	150	200	222	1	6	17200	330	20
6KA-240	180	240	250	1	6	18000	340	20
6KA-275	210	275	300	1	6	19000	435	20
6KA-300	230	300	330	1	6	25500	470	20
6KA-380	275	380	401	1	6	30000	520	20



6KA SERIES SPECIFICATION

Rev. A

RATINGS AND CHARACTERISTIC CURVE ($T_A=25^{\circ}\text{C}$ unless otherwise noted)



SOLDERING PARAMETERS

