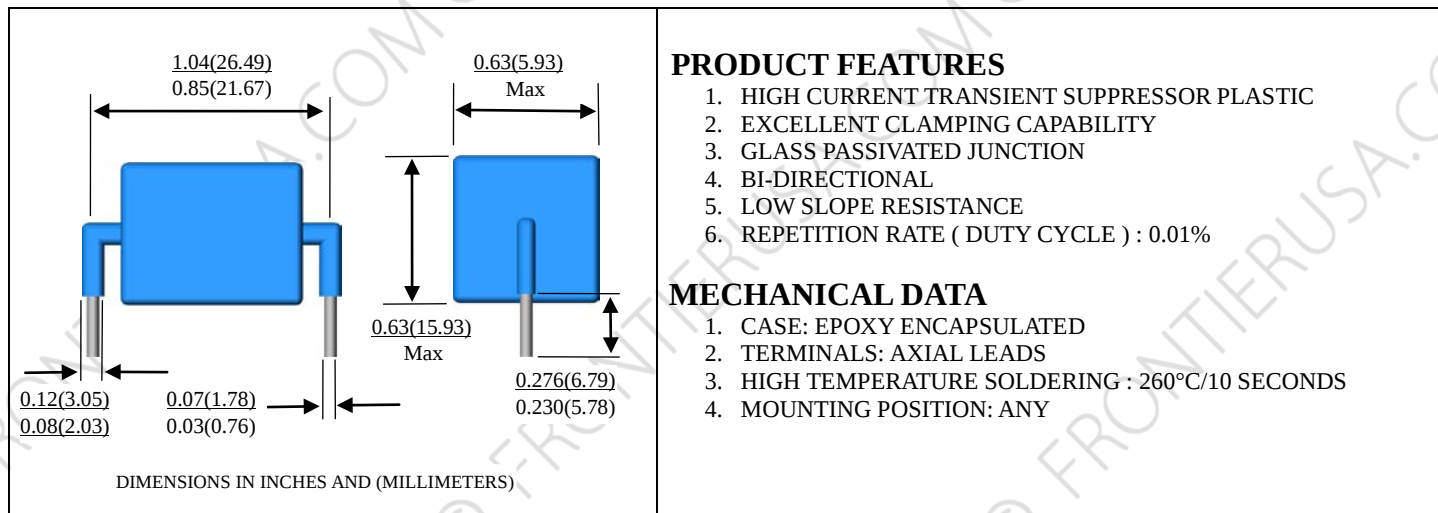




3KA SERIES SPECIFICATION

Rev. A

12V TO 500V 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}	3.0	KA
OPERATING JUNCTION AND STORAGE TEMPERATURE RANGE	T _J , T _{STG}	-55 to 150	°C

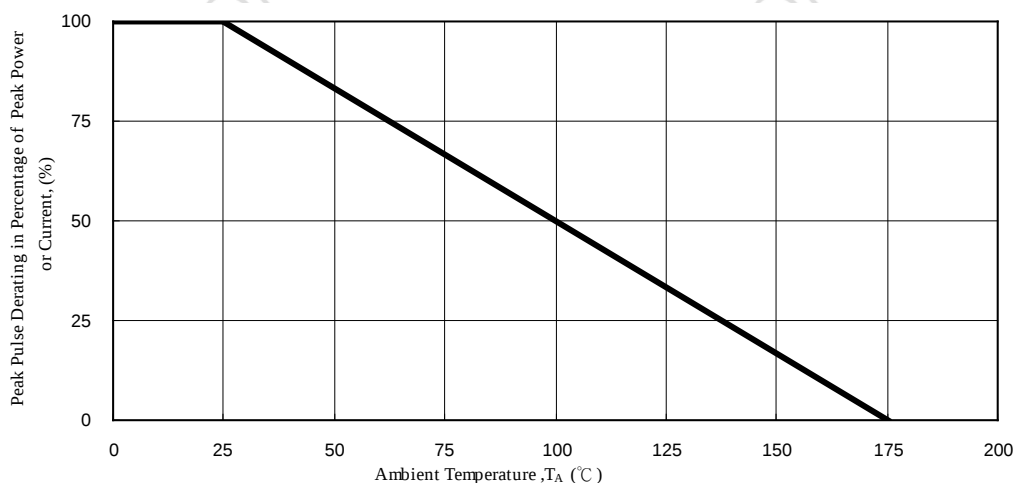
PART NUMBER	REVERSE STAND-OFF VOLTAGE		BREAKDOWN VOLTAGE	TEST CURRENT	CURRENT RATING	MAXIMUM ENERGY	MAXIMUM CLAMPING VOLTAGE	REVERSE CURRENT (LEAKAGE)
	VAC(V)	VDC(V)	VBR(V) MIN.@IT	IT(mA)	8/20μs (KA)	10/1000μs(A)	VC(V) @IPP	IR(μA) @VDC
3KA-012	8.5	12.8	14	1	3	500	28	20
3KA-015	11	15	17	1	3	650	30	20
3KA-020	14	20	22	1	3	800	40	20
3KA-025	17	25	28	1	3	950	50	20
3KA-030	21	30	33	1	3	1200	60	20
3KA-042	30	42	47	1	3	1700	77	20
3KA-058	40	58	64	1	3	2450	110	20
3KA-066	45	66	70	1	3	2600	125	20
3KA-076	54	76	85	1	3	2800	140	20
3KA-100	72	100	110	1	3	4250	165	20
3KA-133	100	133	147	1	3	5300	220	20
3KA-170	130	170	180	1	3	7000	260	20
3KA-190	145	190	200	1	3	8400	290	20
3KA-200	150	200	222	1	3	8600	330	20
3KA-240	180	240	250	1	3	9100	340	20
3KA-275	210	275	300	1	3	9500	435	20
3KA-300	230	300	330	1	3	12750	470	20
3KA-380	275	380	401	1	3	15000	520	20
3KA-430	310	430	440	1	3	18000	625	20
3KA-460	330	460	500	1	3	18500	770	20
3KA-500	385	500	558	1	3	19500	868	20



3KA SERIES SPECIFICATION

Rev. A

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



SOLDERING PARAMETERS

