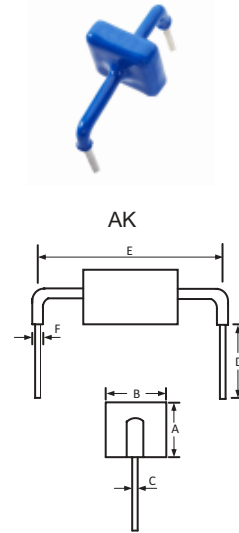


Features

- Axial Lead Terminals
- High Current Transient Suppressor
- Excellent Clamping Capability
- Glass Passivated Junction
- Bi-directional
- Low Slope Resistance
- Repetition Rate (duty cycle): 0.01%
- High Temperature Soldering: 260°C/10 Seconds at Terminals

Mechanical Data

- Case: AK



DIM	DIMENSIONS				NOTE
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	---	.630	---	16.00	
B	---	.500	---	12.70	
C	.047	.052	1.20	1.32	
D	.197	---	5.00	---	
E	.922	.979	23.43	24.87	
F	---	.098	---	2.50	

Maximum Ratings $T_A = 25^\circ\text{C}$ unless otherwise specified

Characteristic	Symbol	Value	Unit
Current Rating, Rated IPP Measured With 8/20us Pulse	I _{pp}	AK1	1
		AK3	3
		AK6	6
		AK10	10
		AK15	15
Operating Junction and Storage Temperature Range	T _J T _{STG}	-55 to +150	°C

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7



Electrical Characteristics ($T_A = 25^\circ\text{C}$ unless otherwise noted)

Part Number	Reverse Stand-Off Voltage		Breakdown Voltage	Test Current	Surge Current Rating	Maximum Clamping Voltage	Reverse Leakage
	VAC(V)	VDC(V)					
AK1-076C	54	76	83	10	1	135	20
AK3-058C	40	58	64	10	3	110	20
AK3-066C	45	66	70	10	3	125	20
AK3-076C	54	76	85	10	3	140	20
AK3-380C	275	380	401	10	3	520	20
AK3-430C	310	430	440	10	3	625	20
AK6-058C	40	58	64	10	6	110	20
AK6-066C	45	66	70	10	6	125	20
AK6-076C	54	76	83	10	6	135	20
AK6-170C	130	170	180	10	6	260	20
AK6-190C	145	190	200	10	6	290	20
AK6-240C	180	240	250	10	6	340	20
AK6-380C	275	380	401	10	6	520	20
AK6-430C	310	430	440	10	6	625	20
AK10-058C	40	58	64	10	10	110	20
AK10-066C	45	66	70	10	10	125	20
AK10-076C	54	76	83	10	10	135	20
AK10-170C	130	170	180	10	10	260	20
AK10-190C	145	190	200	10	10	290	20
AK10-200C	150	200	222	10	10	330	20
AK10-240C	180	240	250	10	10	340	20
AK10-380C	275	380	401	10	10	520	20
AK10-430C	310	430	440	10	10	625	20
AK15-058C	40	58	64	10	15	110	20
AK15-076C	54	76	85	10	15	145	20