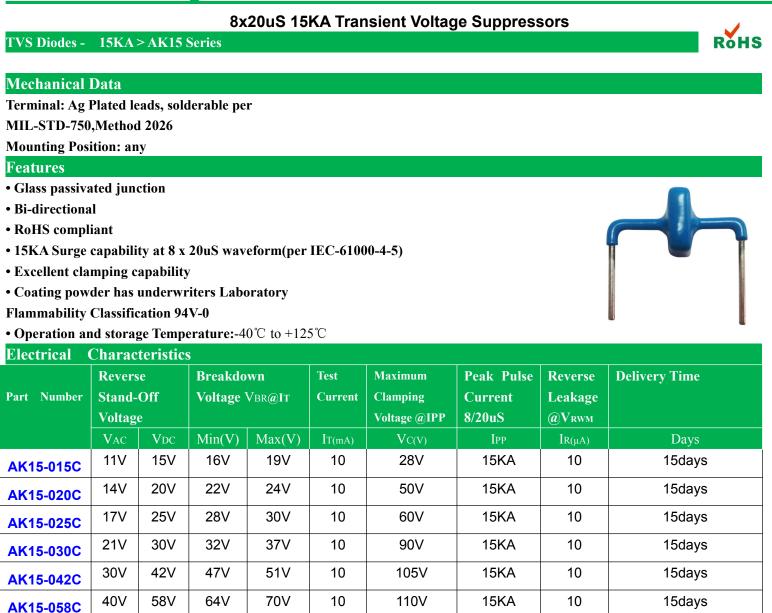
AK15-015C Thru AK15-430C



Specifications are subject to change without notice

45V

54V

72V

100V

130V

145V

150V

AK15-066C

AK15-076C

AK15-100C

AK15-133C

AK15-170C

AK15-190C

AK15-200C

66V

76V

100V

133V

170V

190V

200V

72V

85V

110V

147V

179V

200V

222V

80V

95V

120V

162V

220V

245V

275V

10

10

10

10

10

10

10

1

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120V

140V

165V

220V

260V

290V

330V

15KA

15KA

15KA

15KA

15KA

15KA

15KA

10

10

10

10

10

10

10

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15days

15days

15davs

15days

15days

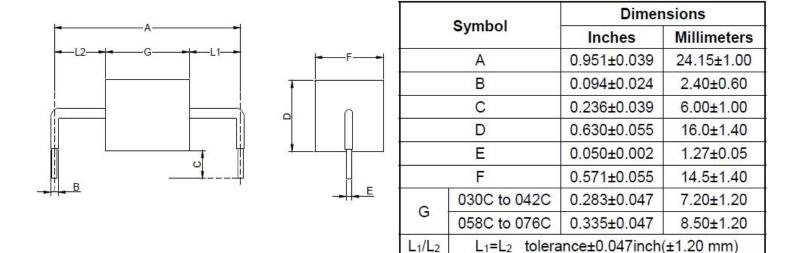
15days

15days

15KA Transient Voltage Suppressors

Electrical Cl	haracter	istics								RoHS
Part Number	Revers Stand- Voltage	Off	Breakdo Voltage		Test Current	Maximum Clamping Voltage @IPP	Peak Pulse Current 8/20uS	Reverse Leakage @Vrwm	Delivery Time	
	VAC	VDC	Min(V)	Max(V)	IT(mA)	VC(V)	Ірр	IR(µA)	Days	
AK15-240C	169V	240V	250V	285V	10	340V	15KA	10	15days	
AK15-380C	275V	380V	401V	443V	10	520V	15KA	10	15days	
AK15-430C	310V	430V	440V	490V	10	625V	15KA	10	15days	
Dimensions	1		•				•			

PACKAGE MECHANICAL DATA



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15KA Transient Voltage Suppressors

RATINGS AND V-I CHARACTERISTICS CURVES (TA=25°C, unless otherwise noted)

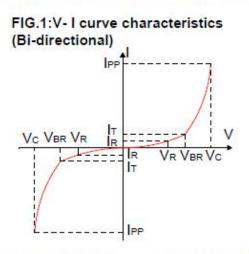


FIG.3: Typical V_{BR} vs junction temperature

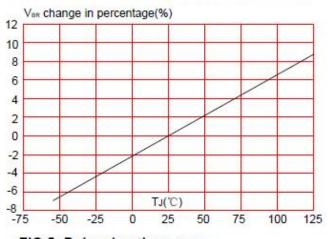
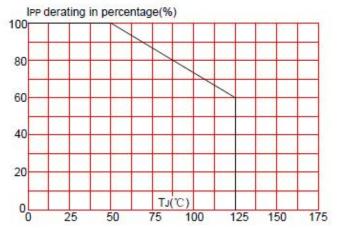


FIG.5: Pulse derating curve



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FIG.2:V- I curve characteristics (Bi-directional with negative resistance)

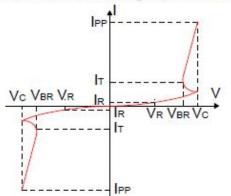
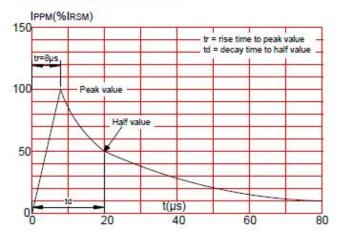


FIG.4: Pulse waveform



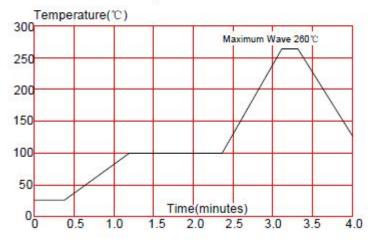
___3

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SOLDERING PARAMETERS

FIG.6: Lead-free profile



Tab1: Flow/Wave soldering

Peak temperature	265℃		
Dipping time	10 seconds		
Soldering	1 time		

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