

## SAC136

### Features

- Lead Free Finish/RoHS Compliant(Note 1) ("P" Suffix designates RoHS Compliant. See ordering information)
- Epoxy meets UL 94 V-0 flammability rating
- Moisture Sensitivity Level 1
- Glass Passivated Junction
- Excellent Clamping Capability

## 136V Peak Clamp Transient Voltage Suppressor

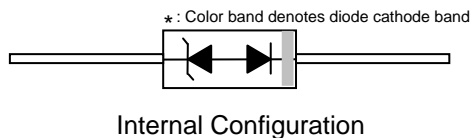
### Mechanical Data

- Case: DO-15 molded plastic case

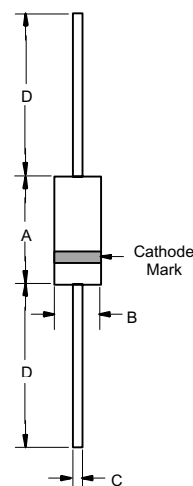
### Maximum Ratings

	Symbol	Value	Units
Steady State Power Dissipation @ $T_L=90^{\circ}\text{C}$	$P_{M(AV)}$	1.5	Watts
Peak Pulse Power Surge Current with a 10/1000 $\mu\text{s}$ Waveform(Note 2.)	$I_{PPM}$	2.7	Amps
Junction Temperature	$T_J$	-40 to 175	$^{\circ}\text{C}$
Storage Temperature Range	$T_{STG}$	-40 to 175	$^{\circ}\text{C}$

Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7.  
2. Non-repetitive current pulse



### DO-15



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.230	0.300	5.80	7.60	
B	0.104	0.140	2.60	3.60	
C	0.026	0.034	0.71	0.86	
D	1.000	-----	25.40	-----	

**ELECTRICAL CHARACTERISTICS @25°C**

MCC PART NUMBER	STAND-OFF VOLTAGE  $V_{WM}$  V	BREAKDOWN VOLTAGE AT $I_T=1.0mA$ $V_{(BR)}$ V	MAXIMUM REVERSE LEAKAGE AT $V_{WM}$ $I_R$ $\mu A$	MAXIMUM CLAMPING VOLTAGE AT $I_{PP}=2.7A$ $V_C$ V	MAXIMUM PEAK PULSE CURRENT  $I_{PP}$ Amps	MAXIMUM JUNCTION CAPACITAN CE AT 0 VOLTS  pF	WORKING INVERSE BLOCKING VOLTAGE $V_{WIB}$ V	PEAK INVERSE BLOCKING VOLTAGE $V_{PIB}$ V
SAC136	136	(150~170)	1	219	2.7	35	700	700

## Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 4Kpcs/Reel
Part Number-BP	Bulk: 25Kpcs/Carton

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