

## 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

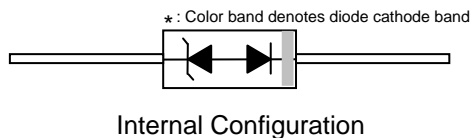
### Mechanical Data

- Case: DO-15 molded plastic case

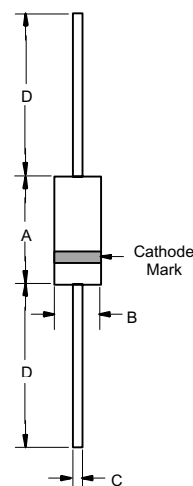
### Maximum Ratings

	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

### \*\*\*IMPORTANT NOTICE\*\*\*

**Micro Commercial Components Corp.** reserves the right to make changes without further notice to any product herein to make corrections, modifications , enhancements , improvements , or other changes . **Micro Commercial Components Corp .** does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights ,nor the rights of others . The user of products in such applications shall assume all risks of such use and will agree to hold **Micro Commercial Components Corp .** and all the companies whose products are represented on our website, harmless against all damages.

### \*\*\*LIFE SUPPORT\*\*\*

MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

### \*\*\*CUSTOMER AWARENESS\*\*\*

Counterfeiting of semiconductor parts is a growing problem in the industry. Micro Commercial Components (MCC) is taking strong measures to protect ourselves and our customers from the proliferation of counterfeit parts. MCC strongly encourages customers to purchase MCC parts either directly from MCC or from Authorized MCC Distributors who are listed by country on our web page cited below. Products customers buy either from MCC directly or from Authorized MCC Distributors are genuine parts, have full traceability, meet MCC's quality standards for handling and storage. **MCC will not provide any warranty coverage or other assistance for parts bought from Unauthorized Sources.** MCC is committed to combat this global problem and encourage our customers to do their part in stopping this practice by buying direct or from authorized distributors.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Micro Commercial Components \(MCC\):](#)

[SAC136-TP](#)