

M•C•C

Micro Commercial Components



Micro Commercial Components
20736 Marilla Street Chatsworth
CA 91311
Phone: (818) 701-4933
Fax: (818) 701-4939

SAC136

**136V Peak
Clamp Transient
Voltage Suppressor**

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
- UL Recognized File # E331408

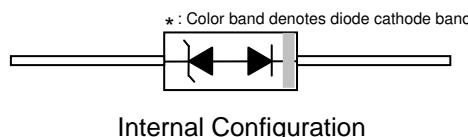
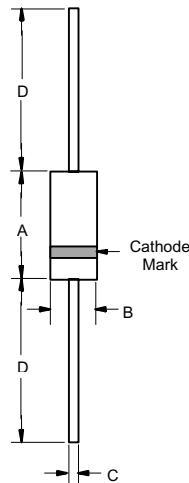
Mechanical Data

- Case: DO-15 molded plastic case

Maximum Ratings

	Symbol	Value	Units
Steady State Power Dissipation @ $T_L=90^\circ\text{C}$	$P_{M(\text{AV})}$	1.5	Watts
Peak Pulse Power Surge Current with a 10/1000 μs 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	DIMENSIONS				NOTE
	INCHES		MM		
	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 $I_T=1.0\text{mA}$ $V_{(BR)}$ V	MAXIMUM REVERSE LEAKAGE AT V_{WM} IR μA	MAXIMUM CLAMPING VOLTAGE AT $I_{PP}=2.7\text{A}$ V_C V	MAXIMUM PEAK PULSE CURRENT I_{PP} Amps	MAXIMUM JUNCTION CAPACITANCE 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

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Ordering Information :

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

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