

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

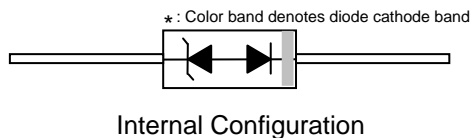
Mechanical Data

- Case: DO-15 molded plastic case

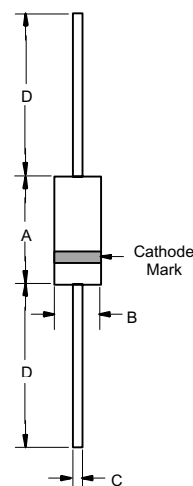
Maximum Ratings

| | 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 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 | 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 μA | 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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