

Features

- Excellent Clamping Capability
- Halogen Free Available Upon Request By Adding Suffix "-HF"
- Epoxy Meets UL 94 V-0 Flammability Rating
- Lead Free Finish/RoHS Compliant (Note1) ("P" Suffix Designates RoHS Compliant. See Ordering Information)

Mechanical Data

- Case: DO-15 Molded Plastic Case

Maximum Ratings

- Operating Junction Temperature Range: -40°C to +175°C
- Storage Temperature Range: -40°C to +175°C

Peak Pulse Power Surge Current with a 10/1000µs Waveform	I_{PPM}	2.7A	Note 2.
Steady State Power Dissipation	$P_{M(AV)}$	1.5 W	$T_L=90^\circ\text{C}$

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

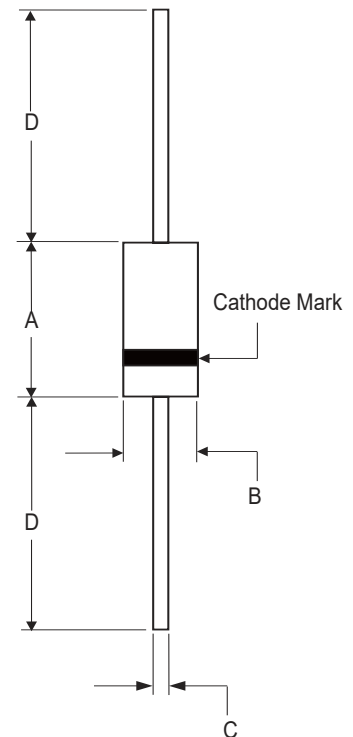
* : Color band denotes diode cathode band



Internal Configuration

**136V Peak Clamp
Transient
Voltage Suppressor**

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	0.035	0.70	0.90	
D	1.000	-----	25.40	-----	

Electrical Characteristics @ 25°C Unless Otherwise Specified

MCC PART NUMBER	STAND-OFF VOLTAGE (NOTE 1) $V_{WM}(V)$	MINIMUM 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 $I_{PP}(A)$	MAXIMUM JUNCTION CAPACITANET 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

Curve Characteristics

Fig. 1 - Peak Pulse Power Rating Curve

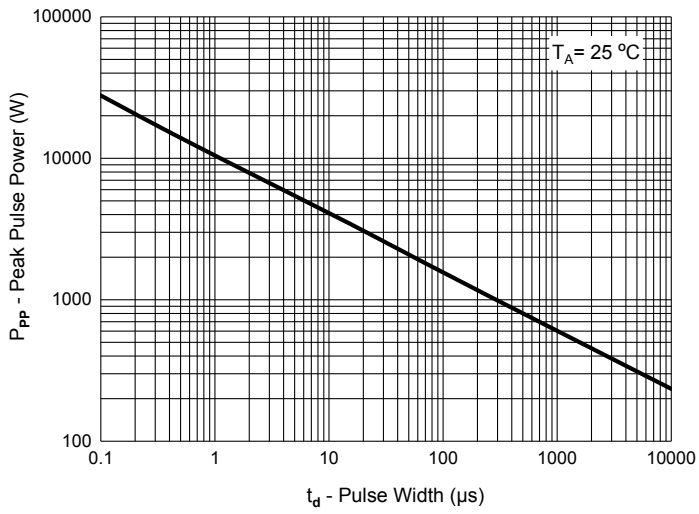
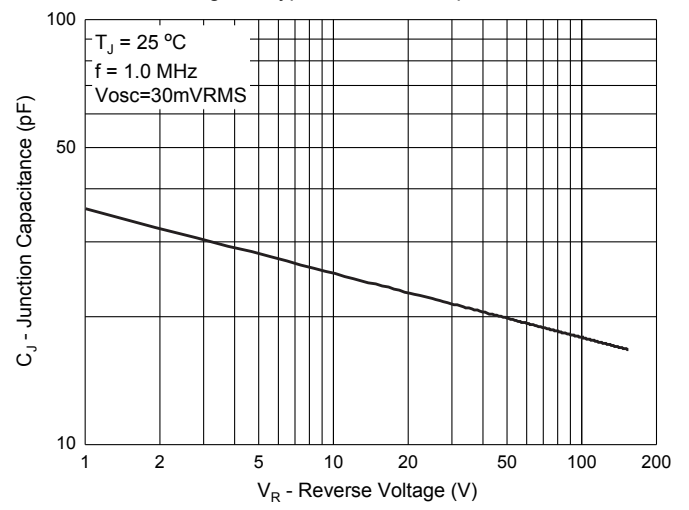


Fig. 2 - Typical Junction Capacitance



Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel: 4Kpcs/Reel
(Part Number)-AP	Ammo Packing: 3Kpcs/Ammo Box
(Part Number)-BP	Bulk:500pcs/Box,25Kpcs/Carton

Note : Adding "-HF" Suffix For Halogen Free, eg. Part Number-TP-HF

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