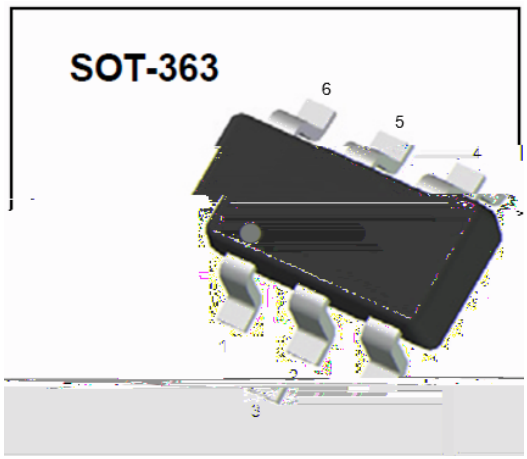
Switching Diodes



Features

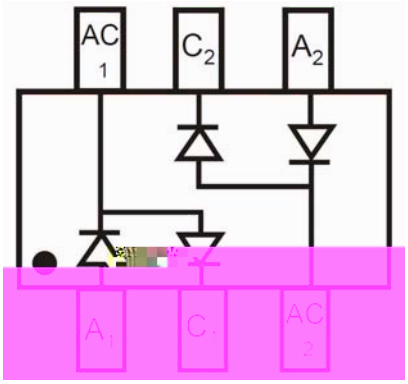
- Epoxy meets UL-94 V-0 flammability rating
- Surface mount package ideally Suited for Automatic Insertion
- Moisture Sensitivity Level 1

Mechanical Data

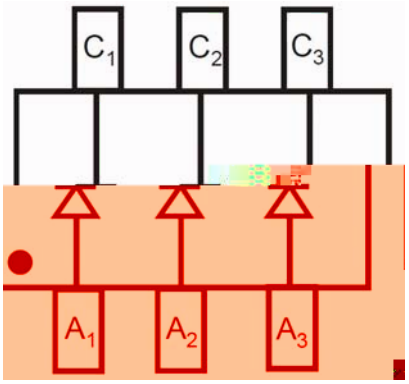
- **Package:** SOT-363
- **Terminals:** Tin plated leads, solderable per J-STD-002 and JESD22-B102
- **Marking:**

MMBD4448HSDW	KAB
MMBD4448HTW	KAA
MMBD4448HAQW	KA5
MMBD4448HADW	KA6
MMBD4448HCDW	KA7

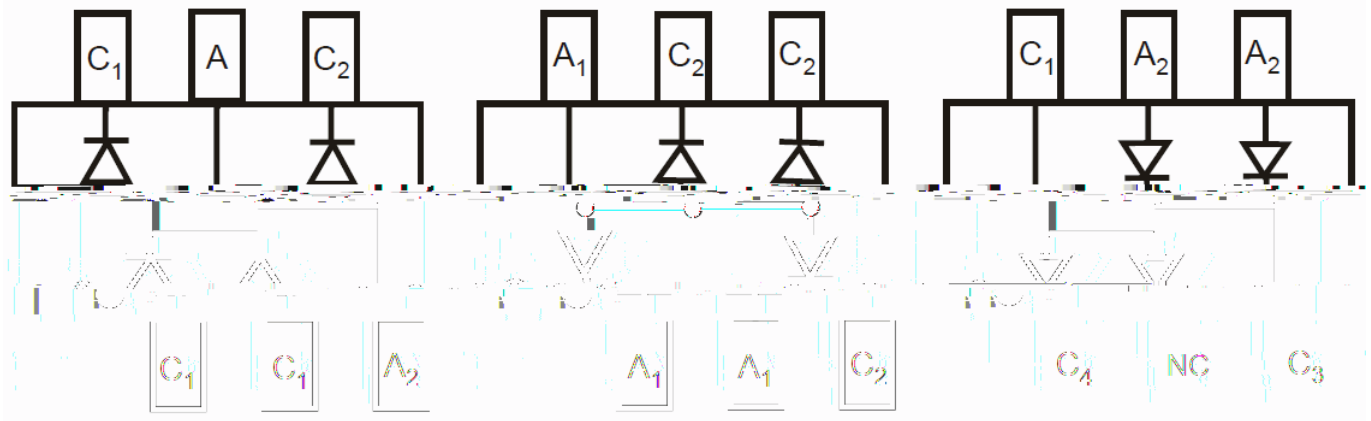
■Equivalent circuit



MMBD4448HSDW



MMBD4448HTW

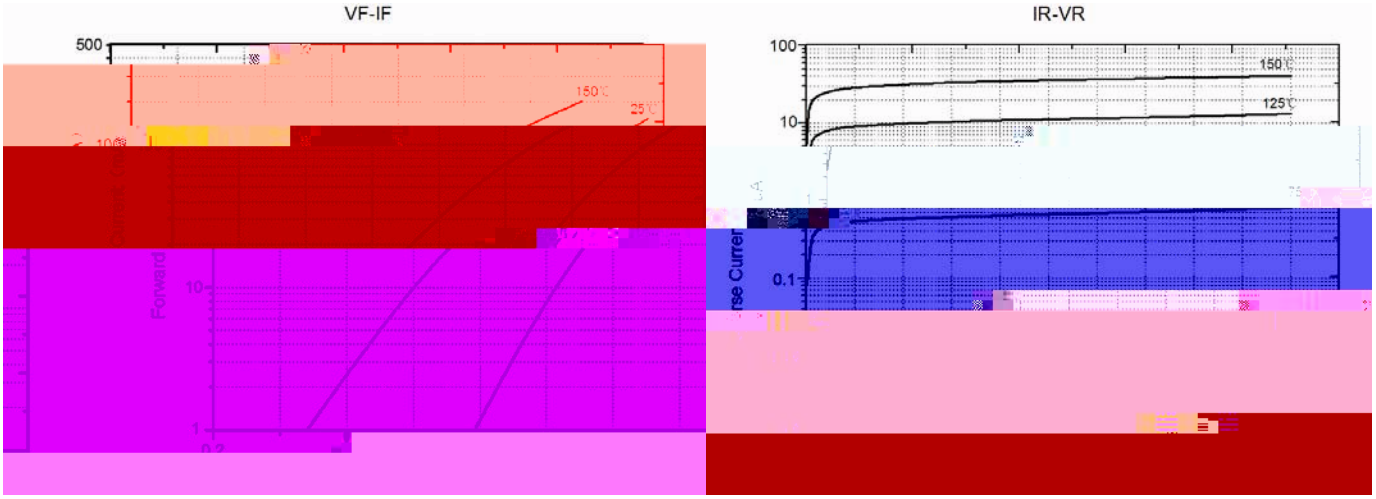


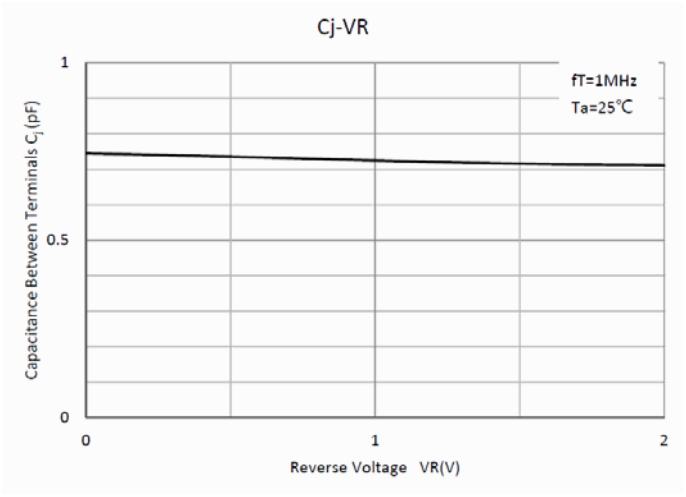
MMBD4448HAQW MMBD4448HADW MMBD4448HCDW

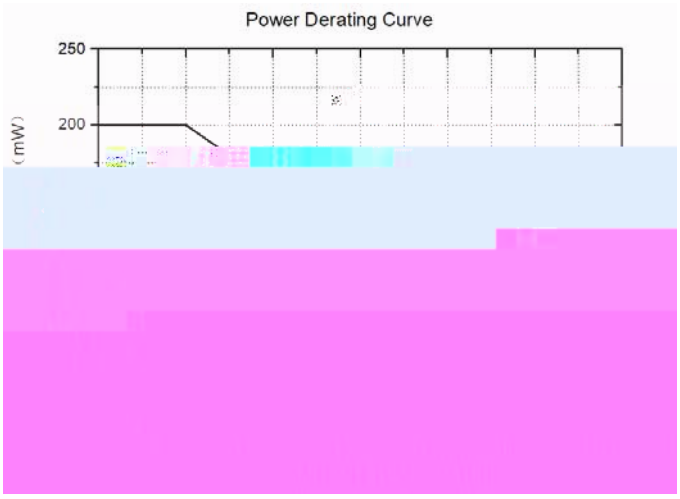
■ **Maximum Ratings** (Ta=25 Unless otherwise specified

PARAMETER		UNIT	Conditions	
Non-Repetitive peak reverse voltage	V_{RM}	V		100
Repetitive peak reverse voltage	V_{RRM}	V		80
Reverse voltage	V_R	V		80
Peak forward surge current	I_{FSM}	A	Pulse width=1 us Pulse width=1 s	2 0.5
		mA		150
		mW		200
		/W		625
				-55 ~+150
				Å55 ~+150

■ **Characteristics** (Typical)







Disclaimer

The information presented in this document is for reference only. Yangzhou Yangjie Electronic Technology Co., Ltd. reserves the right to make changes without notice for the specification of the products displayed herein to improve reliability, function or design or otherwise.

The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with equipment or devices which require high level of reliability and the malfunction of with would directly endanger human life (such as medical instruments, transportation equipment, aerospace machinery, nuclear-reactor controllers, fuel controllers and other safety devices), Yangjie or anyone on its behalf, assumes no responsibility or liability for any damages resulting from such improper use of sale.

This publication supersedes & replaces all information previously supplied. For additional information, please visit our website http:// www.21yangjie.com , or consult your nearest Yangjie's sales office for further assistance.