Features

All product information are copyrighted and subject to legal disclaimers

Electrical Characteristics (@ T_C = 25°C unless otherwise specified)

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	I_F=1140A, t_P=380μs	V_F			1.60	V
Reverse leakage current	$V_R = V_{RRM}, T_{vj}$ = 25	I_{RRM}			100	μA
	$V_R = V_{RRM}, T_{vj}$ = 150				100	mA
Threshold voltage	T_{vj} = 150 , for power loss calculation only	V_{TO}			0.75	V
Dynamic resistance		r_T			0.6	m

Thermal Characteristics (@ T_C = 25°C unless otherwise specified)

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Thermal resistance, junction to case	per diode	$R_{th(j-c)}$		0.1		/W
Thermal resistance,						

Jiangsu JieJie Microelectronics Co., Ltd.
All product information are copyrighted and subject to legal disclaimers

Typical Electrical & Thermal Characteristics

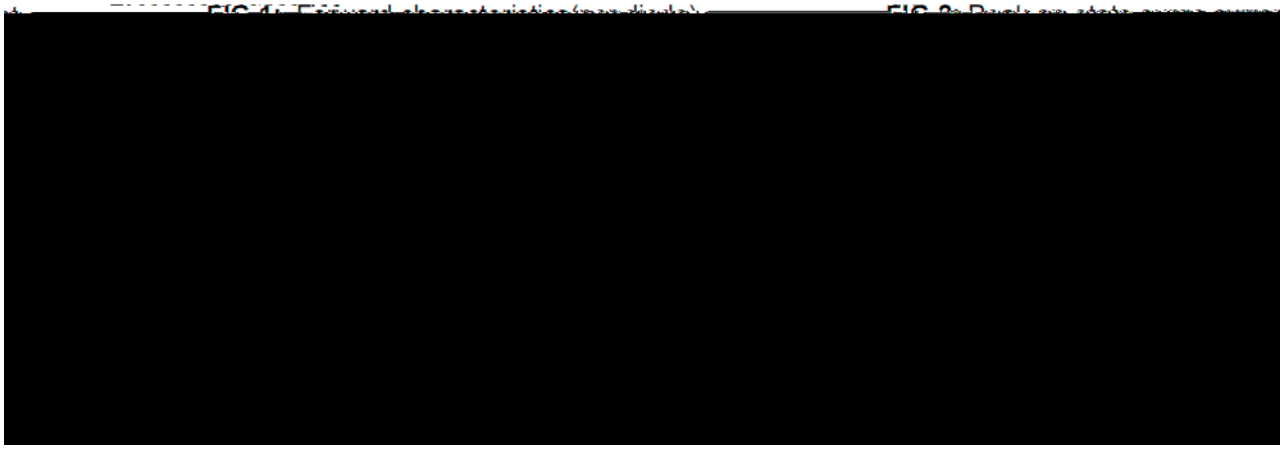


FIG.3: Forward current vs. case temperature

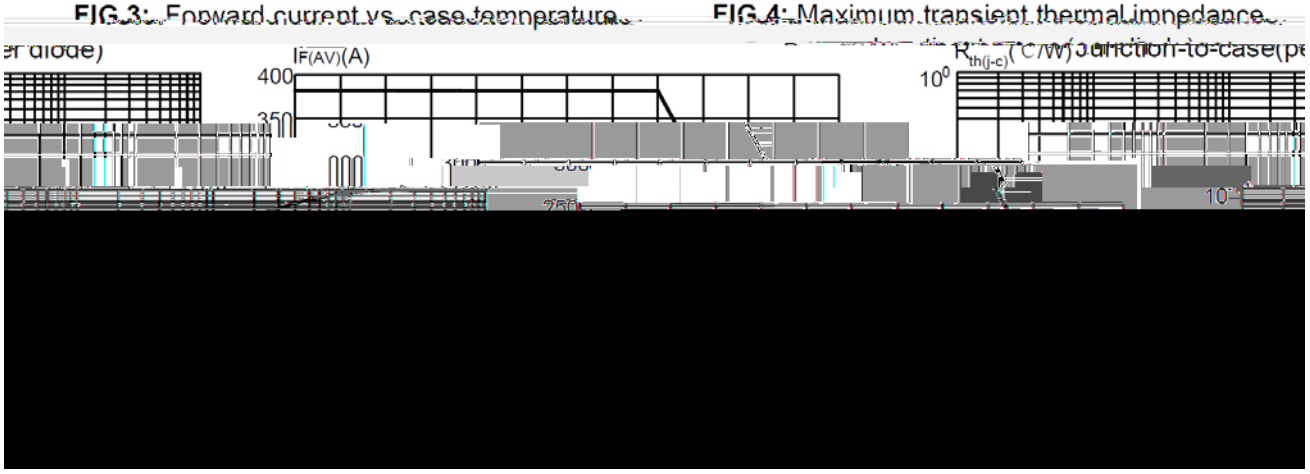
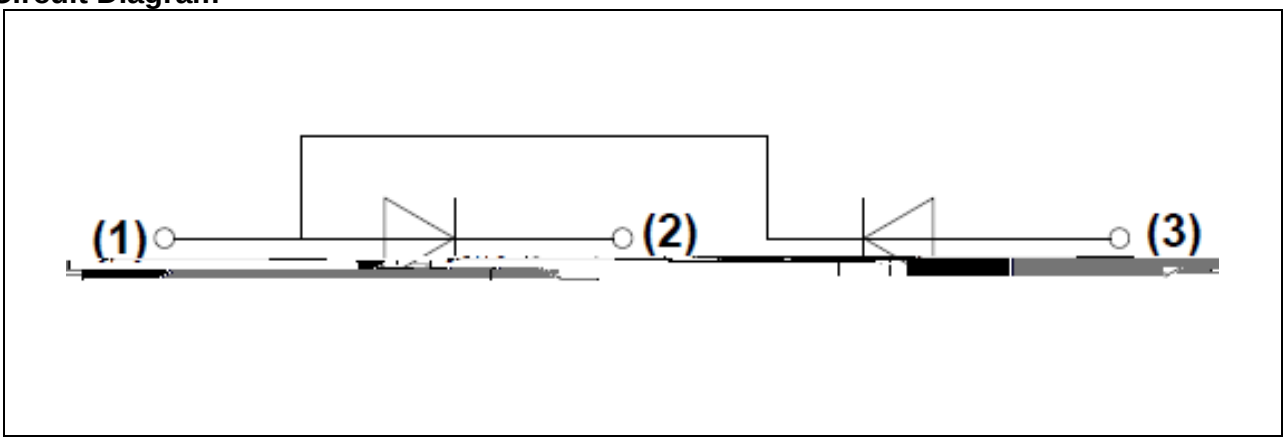


FIG.4: Maximum transient thermal impedance

Circuit Diagram



All product information are copyrighted and subject to legal disclaimers

Information furnished in this document is believed to be accurate and reliable. However, Jiangsu JieJie Semiconductor Co., Ltd assumes no responsibility for the consequences of use without consideration for such information nor use beyond it. This information in this document is subject to change without prior notice. Notwithstanding this, Jiangsu JieJie will fully comply thstandi

All product information are copyrighted and subject to legal disclaimers