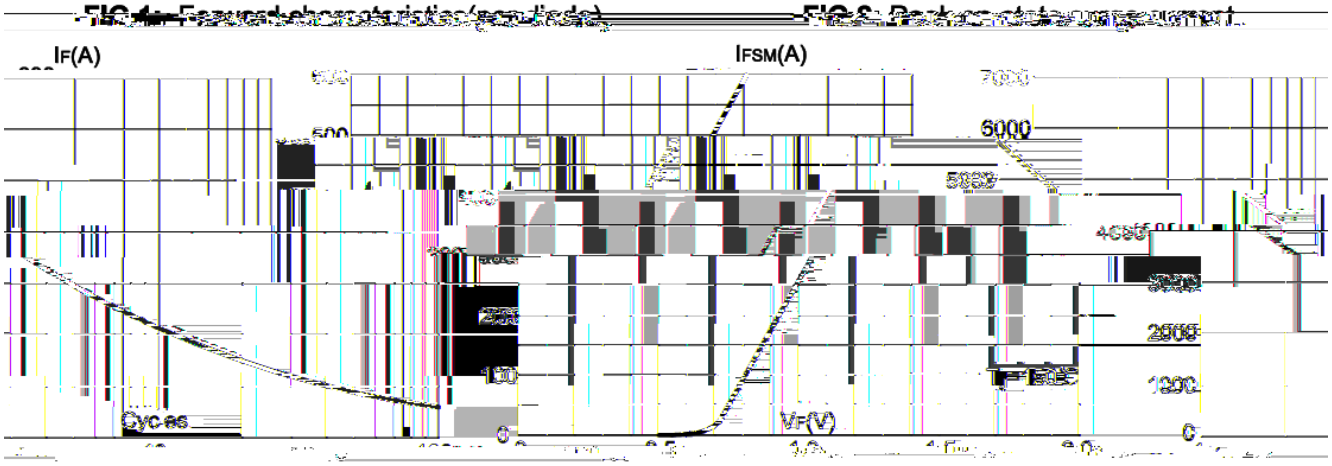
Electrical Characteristics (@ T_C = 25℃ unless otherwise specified)

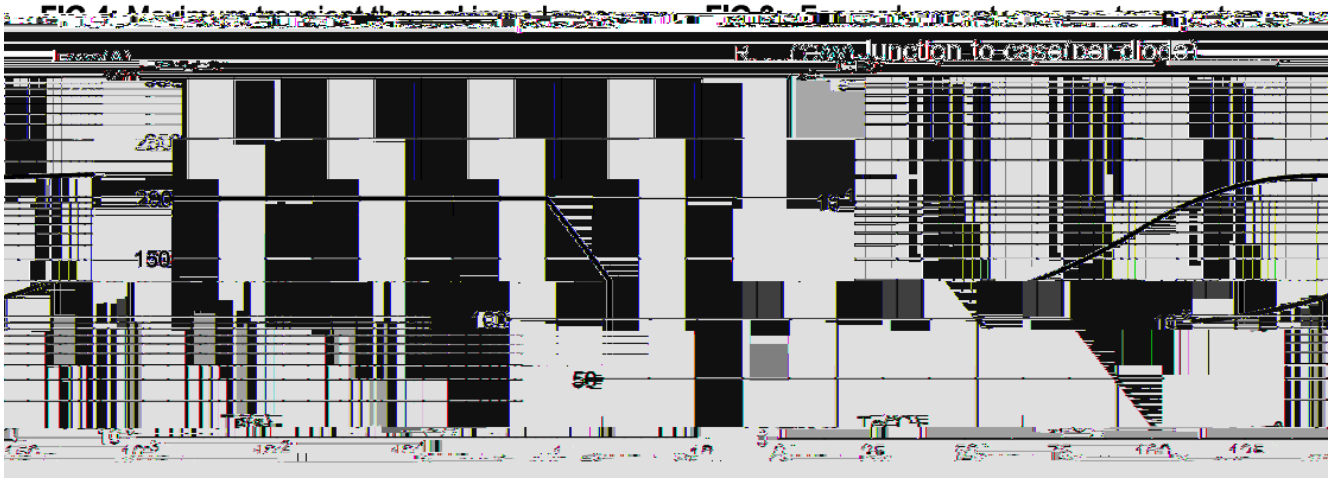
Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	I_F=600A, t_P=380μs	V_F			1.60	V
Reverse leakage current	V_R = V_{RRM}, T_{vj} = 25	I_{RRM}			100	μA
	V_R = V_{RRM}, T_{vj} = 150				60	mA
Threshold voltage	T_{vj} = 150 , for power loss calculation only	V_{TO}			0.78	V
Dynamic resistance		r_T			1.05	mΩ

Thermal Characteristics (@ T_C = 25℃ unless otherwise specified)

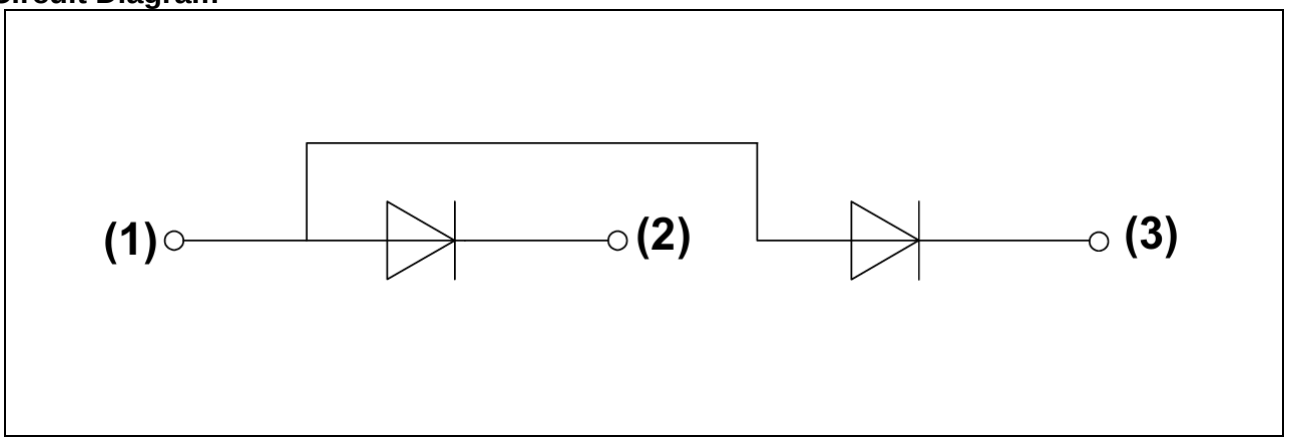
Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Thermal resistance, junction to case	per diode	$R_{th(j-c)}$		0.16		K/W
Thermal resistance, case to heatsink	per module	$R_{th(c-s)}$		0.08		K/W
	Module and heatsink fixed					
Mounting torque						

Typical Electrical & Thermal Characteristics



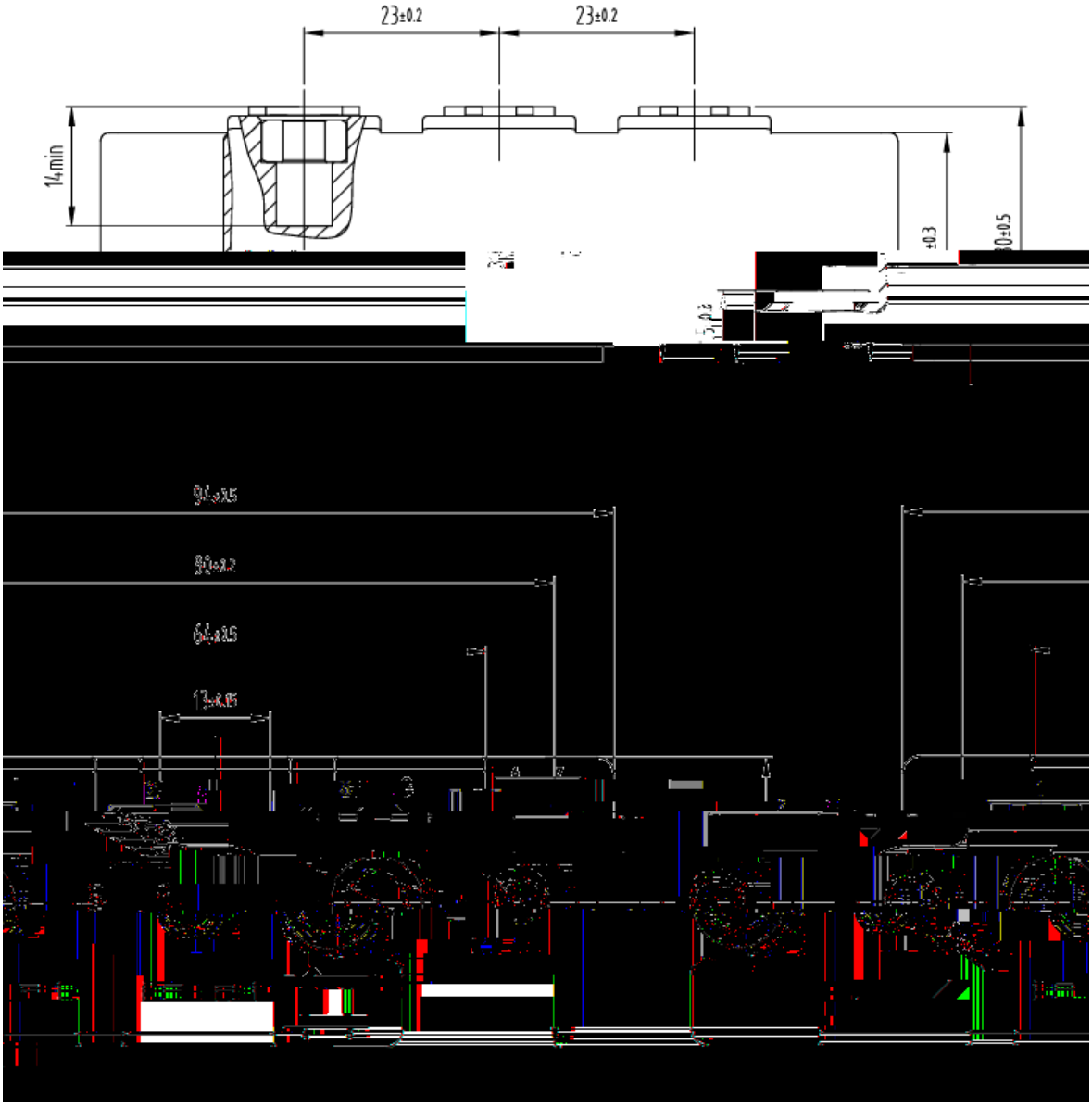


Circuit Diagram



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Package Outlines (mm)



Unit of measurement: mm

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