Features

- A package of series of two diodes
- Heat transfer through alumina ceramic and metal substrate
- Welding by vacuum welding technology,

Product Summary

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

Parameter	Conditions	Symbol	Values			Unit
			Min.	Typ.	Max.	
Peak forward voltage	I_F=840A, t_P=380μs	V_F			1.60	V
	V_R = V_{RRM},T_{vj} = 25					
Reverse leakage current						

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Typical Electrical & Thermal Characteristics

FIG.1: Forward characteristics (per diode)

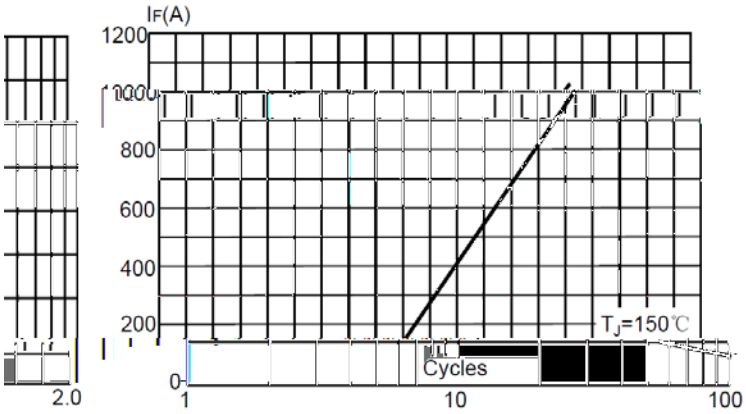


FIG.2: Peak on-state surge current

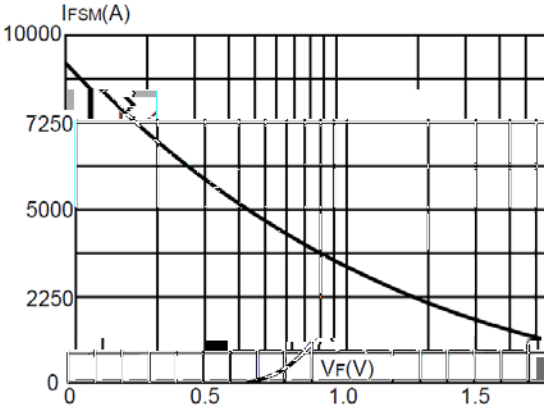
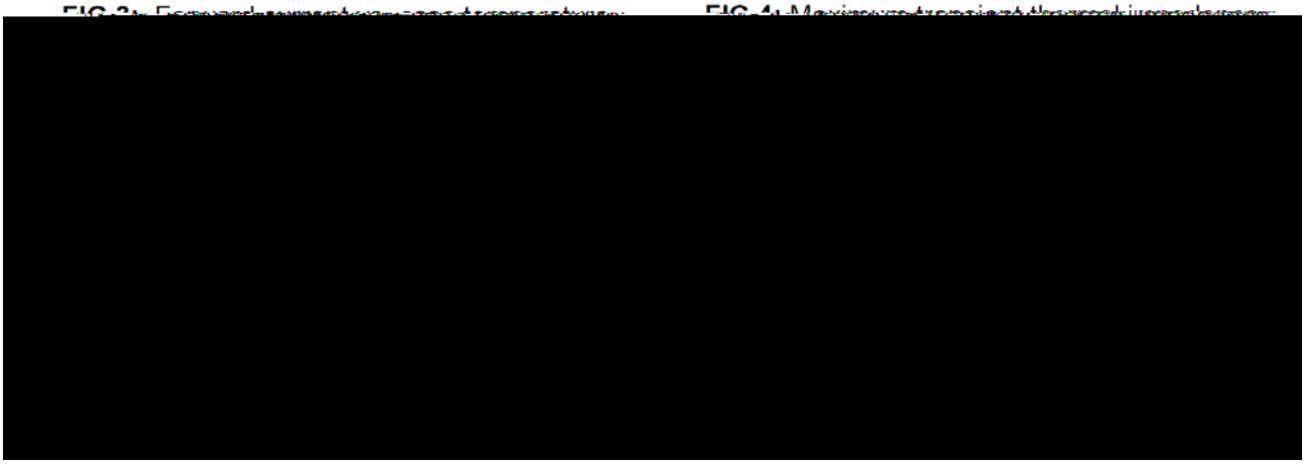
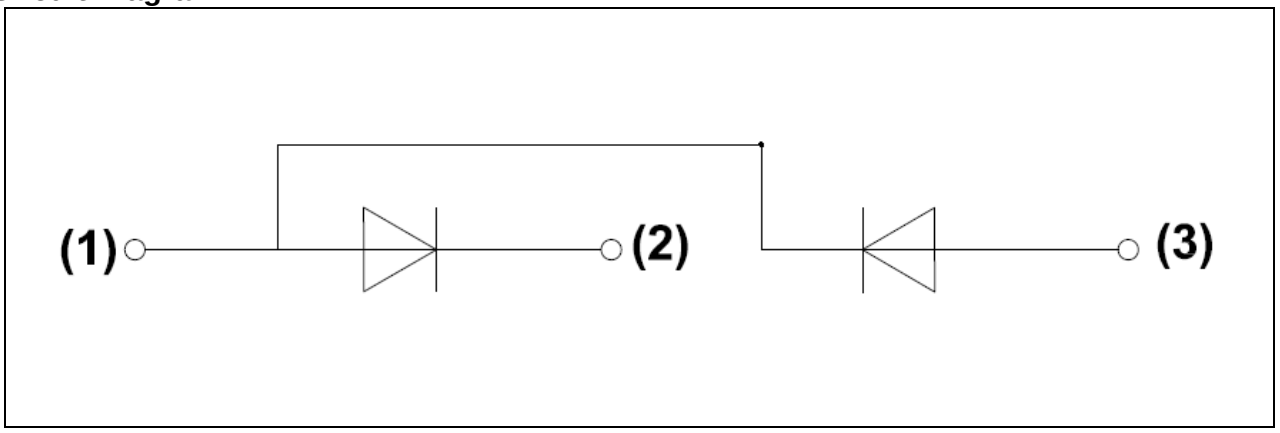


FIG.3: Forward current versus case temperature

FIG.4: Maximum transient thermal impedance



Circuit Diagram



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