

TYPE: BZW86-36 / BZW86-36R

CHARACTERISTICS

Unless otherwise specified $T_j = 25^\circ\text{C}$

Stand Off Voltage		$V_R =$	type number suffix
Max Non-Repetitive Peak Reverse Current			
	tp = 10 us square pulse	IRSM	700 Amps
	tp = 1 ms, exponential pulse	IRSM	250 Amps
Forward Voltage $I_F = 500 \text{ A}$		VF	< 1.5 Volts
Clamping Voltage (exp. pulse) prior to surge, tp = 500 us			
		Typical	55 Volts
		Maximum	65 Volts
		IR	250 Amps
Reverse Breakdown Voltage			
		Minimum	40 Volts
		IR	2 Amps
Peak Reverse Current	VRM = stand off voltage	IRM	< 2.0 mA
Thermal resistance	Junction to case	RthJC	0.3 °C/W
	Case to sink	RthCS	0.1 °C/W