- Low forward voltage and leakage current
- Low inductance package
- High surge current capability

- Field supply for DC motors
- Line rectifiers for transistorized AC motor controllers
- Non-controllable rectifiers for AC/DC converter

(@ T_C = 25℃ unless otherwise specified)

Repetitive peak reverse voltage		V_{RRM}	2000	V
Non-repetitive peak reverse voltage		V_{RSM}	2100	V
Output current	T_C = 100	I_D	75	A
Forward surge current	1/2 cycle, Sine wave, 50Hz T_{vj} = 25	I_{FSM}	750	A

I^2t val nB9(k)- Tf18B-3(l)r f3(u)-39unt

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(@ T_C = 25℃ unless otherwise specified)

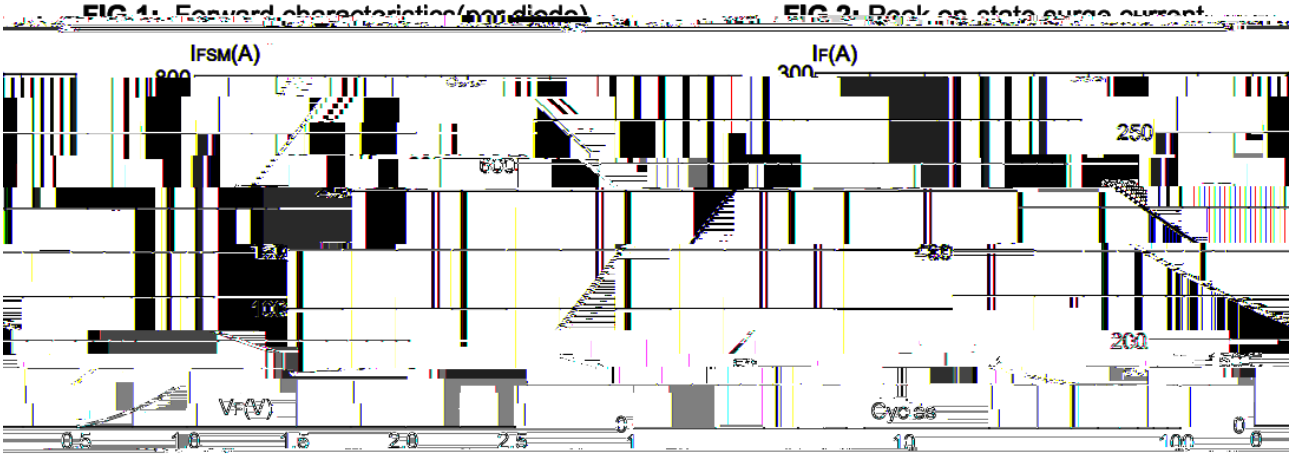
Forward voltage	I_F = 75A, Tvj = 25	V_F		1.20	1.40	V
Reverse leakage current	V_R = V_{RRM}, Tvj = 25	I_{RRM}			0.3	mA
	V_R = V_{RRM}, Tvj = 150				5	mA
Threshold voltage	For power loss calculation only Tvj = 150 ,	V_{TO}			0.90	V
Dynamic resistance		r_T			4.2	mΩ

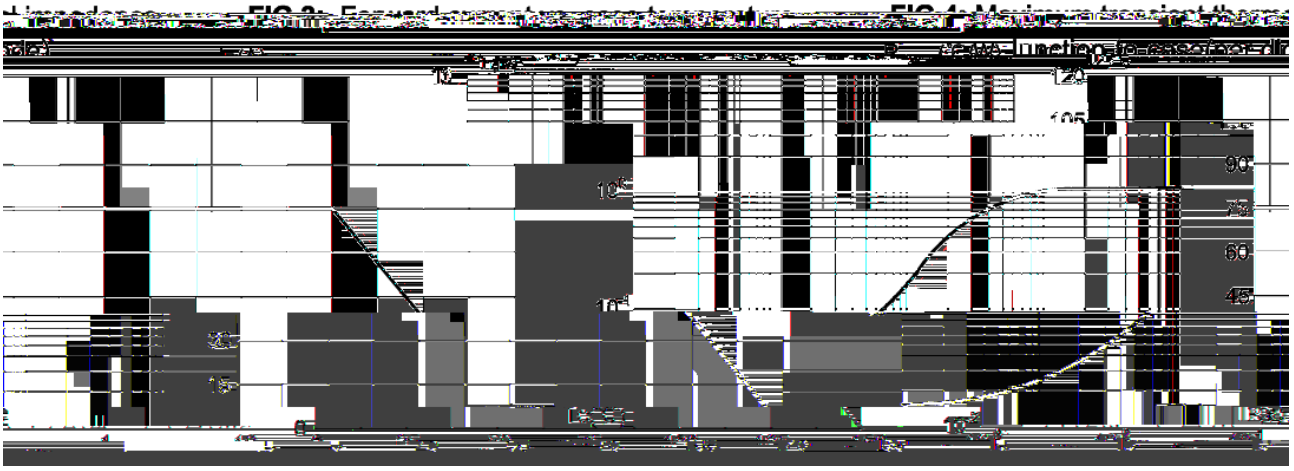
(@ T_C = 25℃ unless otherwise specified)

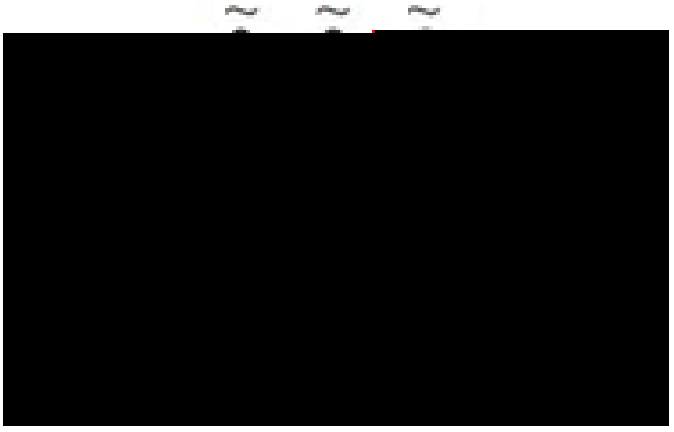
Thermal impedance (junction to case)	per diode	$R_{th(j-c)}$			1.1	/W
Mounting torque	Base plate to heatsink screw M5	M	4.25		5.75	N·m
	Electrode to terminal screw M5		4.25		5.75	N·m

JMD75TD20D3	JMD75TD20D3	D3	146g/PCS	10PCS	90PCS

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