- 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}		

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(@ T_C = 25℃ unless otherwise specified)

Forward voltage	I_F = 100A, Tvj = 25	V_F		1.15	1.35	V
Reverse leakage current	$V_R = V_{RRM}$, Tvj = 25	I_{RRM}			0.5	mA
	$V_R = V_{RRM}$, Tvj = 150				10	mA
Threshold voltage	For power loss calculation only Tvj = 150 ,	V_{TO}			0.82	V
Dynamic resistance		r_T			3.3	mΩ

(@ T_C = 25℃ unless otherwise specified)

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