



Features

- ## Typical Applications

Mechanical Data

- A horizontal line represents a 1D lattice. Above the line, several vertical lines mark specific sites. From left to right, these sites are labeled: **D**, **a**, **i**, **—**, and **O**. The labels **D**, **a**, and **i** are positioned below the line, while **—** and **O** are positioned above it. The vertical lines are evenly spaced, representing discrete sites in the lattice.

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MUR860F

Electrical Characteristics

PARAMETER		UNIT	TEST CONDITIONS		Min	Typ	Max
Instantaneous forward voltage drop per diode	$I_{FM} V$	V	$I_{FM} = 8.0A @ T_j = 25$		-	1.40	1.6
			$I_{FM} = 8.0A @ T_j = 150$		-	1.15	1.3
DC reverse current at rated DC blocking voltage per diode	I_{RRM1}	μA	$V_{RM} = V_{RRM}$ $T_j = 25$		-	-	5.0
	I_{RRM2}		$V_{RM} = V_{RRM}$ $T_j = 150$		-	40	200
Reverse Recovery Time	T_{RR}	ns	$I_F = 0.5A$ $dI_M = 1A$ $dI_R = 0.25A$ $T_j = 25$		-	25	35
			$T_j = 25$		-	60	-
			$T_j = 125$		-	300	-
Peak recovery current	I_{RRM}	A	$T_j = 25$	$I_F = 8A$ $di/dt = -200A/\mu s$ $V_{RM} = 200V$	-	3.4	-





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