TO-252
Fast Recovery Epi Diodes in a TO-252 Plastic Package.

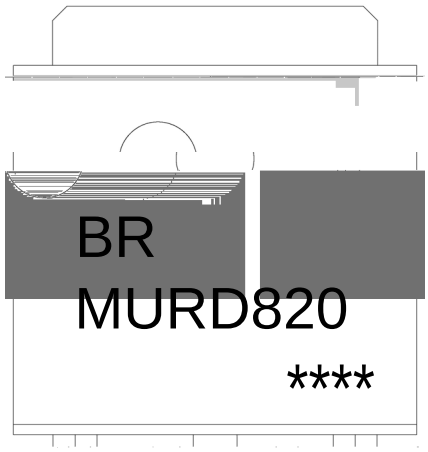
High frequency operation, High surge forward current capability, HF Product.

For high frequency, high voltage, high curr

Parameter	Symbol	Rating	Unit
Maximum Recurrent Peak Reverse Voltage	V_{RRM}	200	V
Maximum RMS voltage	V_{RMS}	140	V
Maximum DC blocking Voltage	V_{DC}	200	V
Maximum Average Forward	$I_{F(AV)}$	8	A
Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I_{FSM}	100	A
Thermal Resistance, Junction to Ambient	$R_{\theta JA}$	50	/W
Operation Junction Temperature and Storage Temperature	T_j ,T_{stg}	-55 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit

/ Marking Instructions



BR

MURD820

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Note:

BR:	Company Code
MURD820	Product Type
****:	Lot No. Code, code change with Lot No