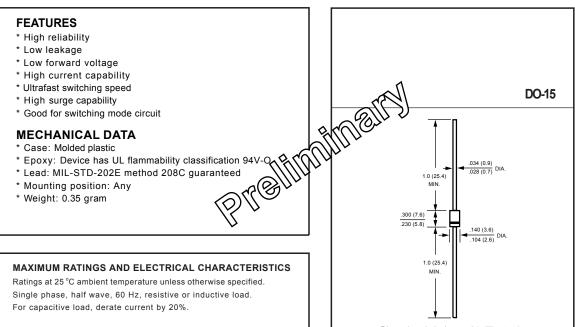
MUR220 MUR240 MUR260

ULTRAFAST RECTIFIER

VOLTAGE RANGE 200 to 600 Volts CURRENT 2.0 Amperes



Dimensions in inches and (millimeters)

MAXIMUM RATINGS (@ TA=25 °C unless otherwise noted)

RATINGS	SYMBOL	MUR220	MUR240	MUR260	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	200	400	600	Volts
Maximum RMS Voltage	V _{RMS}	140	280	420	Volts
Maximum DC Blocking Voltage	V _{DC}	200	400	600	Volts
Maximum Average Forward Rectified Current at T _A =55°C	IO	2.0			Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method)	I _{FSM}	35			
Operating and Storage Temperature Range	T _J , T _{STG}	-55 to + 150			

$\textbf{ELECTRICAL CHARACTERISTICS} (@T_{A} \texttt{=} 25 \ ^{\circ}C \ unless \ otherwise \ noted)$

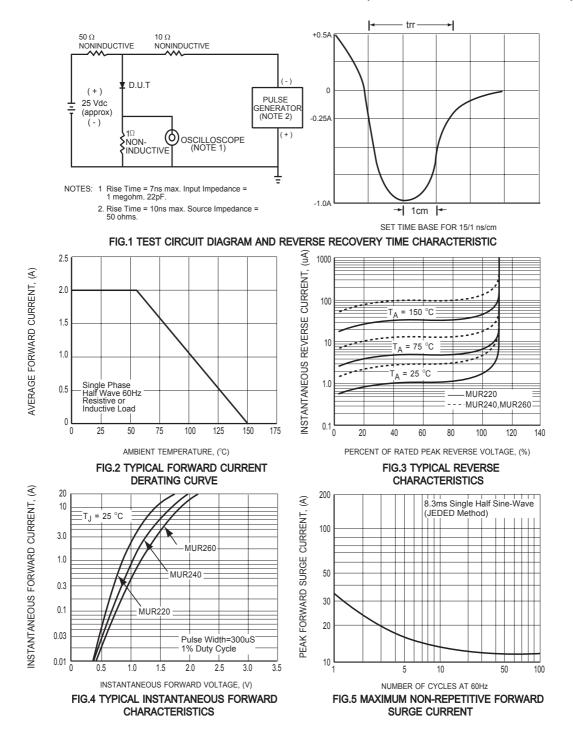
CHARACTERISTICS		SYMBOL	MUR220	MUR240	MUR260	UNITS
Maximum Instantaneous Forward Voltage at 2.0A DC		VF	0.95	1.30	1.35	Volts
	@T _J = 25°C	- I _R -	2.0	5.0		uAmps
	$@T_J = 150^{\circ}C$		50	150		
Maximum Reverse Recovery Time (Note 1)		trr	25	50		nSec

NOTES : 1. Test Conditions: I_F = 0.5A, I_R = -1.0A, I_{RR} = -0.25A

2. "Fully ROHS complaint", "100% Sn plating (Pb-free)"

2010-02 REV: O

RATING AND CHARACTERISTICS CURVES (MUR220 THRU MUR260)



DISCLAIMER NOTICE

Rectron Inc reserves the right to make changes without notice to any product specification herein, to make corrections, modifications, enhancements or other changes. Rectron Inc or anyone on its behalf assumes no responsibility or liability for any errors or inaccuracies. Data sheet specifications and its information contained are intended to provide a product description only. "Typical" parameters which may be included on RECTRON data sheets and/ or specifications can and do vary in different applications and actual performance may vary over time. Rectron Inc does not assume any liability arising out of the application or use of any product or circuit.

Rectron products are not designed, intended or authorized for use in medical, life-saving implant or other applications intended for life-sustaining or other related applications where a failure or malfunction of component or circuitry may directly or indirectly cause injury or threaten a life without expressed written approval of Rectron Inc. Customers using or selling Rectron components for use in such applications do so at their own risk and shall agree to fully indemnify Rectron Inc and its subsidiaries harmless against all claims, damages and expenditures.