

FEATURES

$\bar{U} \sim \text{V} \text{ (Peak)}$
 $\bar{U} \sim \text{V} \text{ (RMS)}$
 $\bar{U} \sim \text{V} \text{ (DC)}$
 $\bar{I} \text{ (AV)}$
 $\bar{I} \text{ (FSM)}$
 $\bar{V} \text{ (F)}$
 $\bar{I} \text{ (R)}$
 $T \text{ (J)}$
 $T \text{ (STG)}$

MECHANICAL DATA

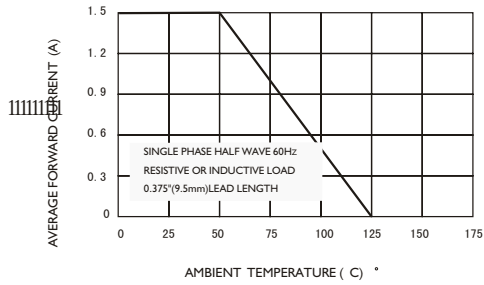
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 $T \text{ (STG)}$

		Symbols	W005	W01	W02	W04	W06	W08	W10	Units
Maximum Recurrent Peak Reverse Voltage		V _{RRM}	50	100	200	400	600	800	1000	Volts
Maximum RMS Voltage		V _{RMS}	35	70	140	280	420	560	700	Volts
Maximum DC Blocking Voltage		V _{DC}	50	100	200	400	600	800	1000	Volts
Maximum Average Forward Rectified Current		I _(AV)	1.5							Amp
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC method)		I _{FSM}	40							Amps
Maximum Instantaneous Forward Voltage at 1.0 A DC		V _F	1.0							Volts
Maximum DC Reverse Current at rated DC blocking voltage	T _A =25 °C	I _R	10							μA
	T _A =100 °C		500							
Operating junction and storage temperature range		T _J T _{STG}	-40 to +125							°C

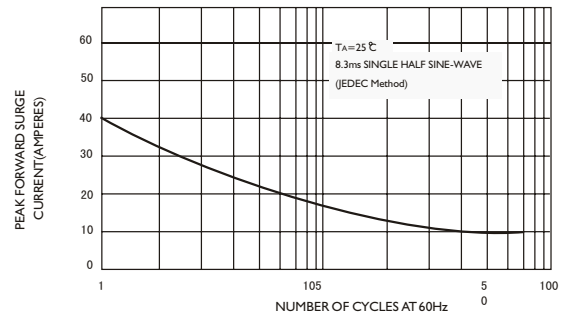
RATINGS AND CHARACTERISTIC CURVES

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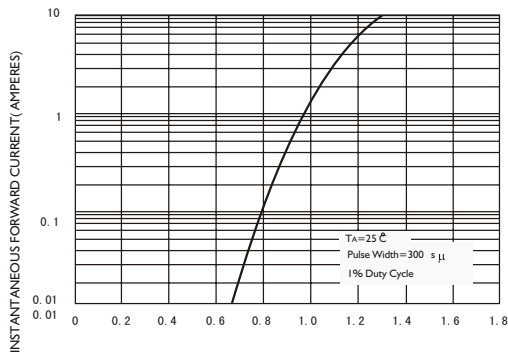
W005~W10
 U_V R_e Z_X I_f c_g V



W005~W10
 W_h R_c U_I f_c V_e



W005~W10
 I_n s_t a_n e_o u_s i_o u_s c_u r_r e_n t



W005~W10
 I_n s_t a_n e_o u_s r_e v_e r_s e

