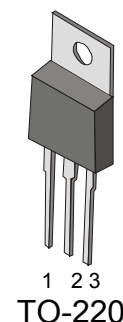


IWR 0340UM, IWR 0360UM, IWR 0540UM, IWR 0560UM

HIGH VOLTAGE FAST RECTIFIER DIODE ARRAYS



MAXIMUM RATINGS

Rating	Symbol	IWR 0340UM	IWR 0360UM	IWR 0540UM	IWR 0560UM	Unit.
Peak Repetitive Reverse Voltage	U_{RR}	400	600	400	600	V
Peak Rectified Forward Current $t_J=175^\circ\text{C}$	I_F	3	3	5	5	A
Nonrepetitive Peak Surge Current , $t \leq 8 \text{ ms}$	I_{FS}	21	21	35	35	A
Operating Junction Temperature	T_J	+175				$^\circ\text{C}$
Storage Temperature	T_{STG}	-65 -+175				$^\circ\text{C}$

ELECTRICAL CHARACTERISTICS for $T_{AMB}=25^\circ\text{C}$

Rating (Mode of measurement)	Symbol	IWR 0340UM	IWR 0360UM	IWR 0540UM	IWR 0560UM	Unit.
Maximum Instantaneous Forward Voltage* (I_{FMAX})	U_R	1.4				V
Maximum Instantaneous Reverse Current* (U_{RRMAX})	I_R	50				μA
Maximum Reverse Recovery Time ($I_F=1 \text{ A}$, $di/dt=50 \text{ A}/\mu\text{s}$, $U_{RR}=30 \text{ V}$, $I_{REC}=10\% I_R$)	t_{REC}	60				ns
Maximum Thermal Resistance, Junction to Case	$R_{\theta JC}$	4,5				$^\circ\text{C}/\text{W}$

* $t_p \leq 300 \mu\text{s}$, $Q \geq 50$

pinning: pin 1- anode 1, pin 2- common cathode, pin 3 - anode 2



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