

### ■Voltage Doubler/Bridge Rectifier Automatic Switch ICs

Part No.	Absolute Maximum Ratings (T <sub>a</sub> =25°C)					Electrical Characteristics (T <sub>a</sub> =25°C)					Remarks
	Repetitive Peak Off-state Voltage V <sub>DRM</sub> (V)	RMS On-state Current I <sub>T</sub> (RMS)(A)	Surge On-state Current I <sub>TSM</sub> (A)	Operating Temperature T <sub>OP</sub> (°C)	Storage Temperature T <sub>stg</sub> (°C)	Voltage Doubler Function Turn-on Voltage V <sub>s</sub> (V)	Setting Switchover Voltage		OFF-state Current I <sub>DRM</sub> (μA)	ON-state Voltage V <sub>TH</sub> (V)	
							V <sub>C1</sub> (V)	V <sub>C2</sub> (VAC)*			
STR80145A	500	5.0	50	-10 to +100(T <sub>c</sub> )	-30 to +125	AC80 max	196±5	145	100 max	1.8 max	
81145A		10.0	100				215±5	159			
81159A											
STR82145	500	5.0	50	-20 to +100(T <sub>c</sub> )	-40 to +125	DC100 max	205±5	145	100 max	1.8 max	
83145		10.0	100				225±5	159			
83159											

\*Reference value

### ■External Dimensions

(unit: mm)

