

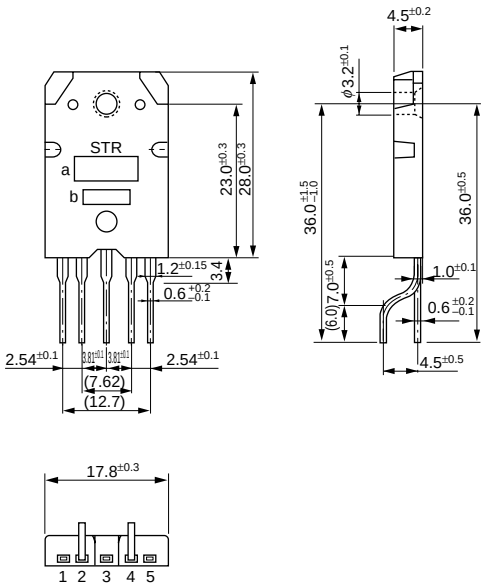
■Voltage Doubler/Bridge Rectifier Automatic Switch ICs

Part No.	Absolute Maximum Ratings (T _a =25°C)					Electrical Characteristics (T _a =25°C)					Remarks
	Repetitive Peak Off-state Voltage	RMS On-state Current	Surge On-state Current	Operating Temperature	Storage Temperature	Voltage Doubler Function Turn-on Voltage	Setting Switchover Voltage		Off-state Current	On-state Voltage	
	V _{DRM} (V)	I _T (RMS)(A)	I _{TSM} (A)	T _{OP} (°C)	T _{stg} (°C)	V _s (V)	V _{C1} (V)	V _{C2} (V _{AC})*	I _{DRM} (μA)	V _{TH} (V)	
STR80145A	500	5.0	50	−10 to +100(T _C)	−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 _C)	−40 to +125	DC100 max	205±5	145	100 max	1.8 max	With latching capability
83145		10.0	100				225±5	159			
83159											

*Reference value

■External Dimensions

(unit: mm)



a. Part Number
 b. Lot Number

Forming No.501