

Features

- High temperature resistivity
- High reliability design
- Ultra small package

Mechanical Data

Maximum Ratings and Electrical Characteristics @ T_A = 25°C unless otherwise specified

Items	Symbols	Condition	ESJA28		Units
			-02S	-03	
Repetitive Peak Reverse Voltage	V _{RRM}	f=60Hz	2.2	2.7	kV
Non-Repetitive Peak Reverse Voltage	V _{RSM}	Ignition Pulse f=150Hz,1minute	2.5	3.0	kV
Average Output Current	I _o	60 Hz Sine wave	10		mA
Surge Current	I _{FSM}	60 Hz Sine-half wave peak value	1.0		A
Operating Junction Temperature	T _j		150		°C
Storage Temperature	T _{stg}		-40 to +150		°C
Items	Symbols	Conditions	ESJA28		Units
			-02S	-03	
Maximum Forward Voltage Drop	V _F	I _F =10mA	7	8.4	V
Maximum Reverse Current	I _{R1}	V _R =2.2kV	5		μA
Maximum Reverse Current	I _{R2}	V _R =2.5kV	10		μA
Minimum Avalanche Breakdown Voltage	V _Z	I _Z =100μA	2.7		kV

