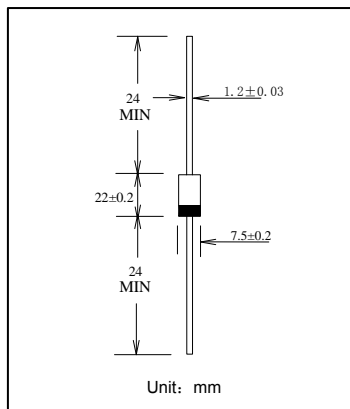


Plastic High Voltage Rectifier

Reverse Voltage 9KV Forward Current 350mA



Features

- $I_{F(AV)}$ 350 mA
- V_{RRM} 9KV
- High reliability

Purpose

Rectification for high voltage power supply of magnetron in Micro wave oven and others

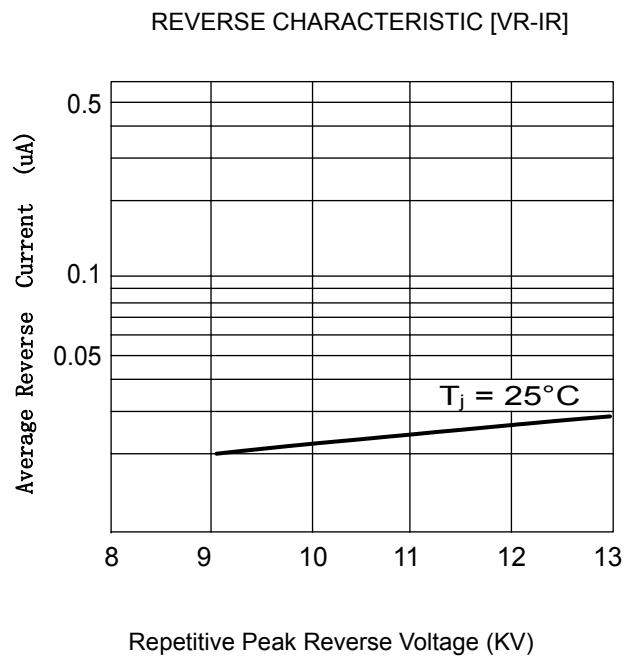
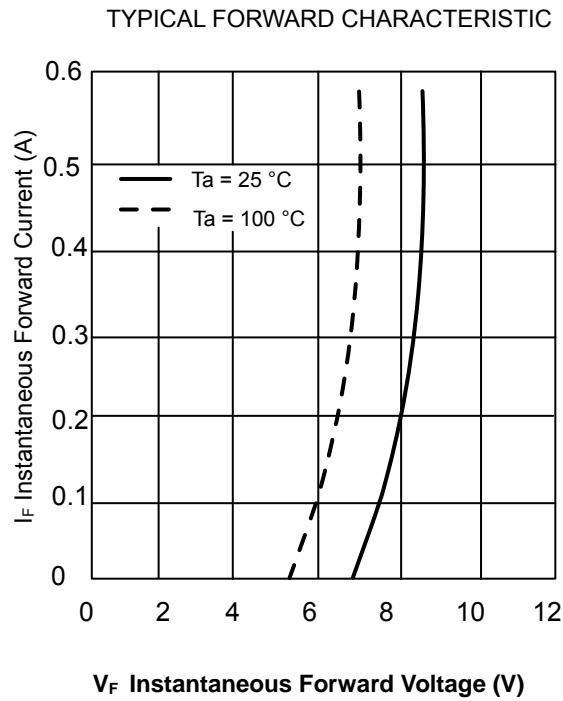
Maximum Ratings & Thermal Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Item	Symbol	CL01-09	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	9	KV
Average Forward Current	$I_{F(AV)}$	350	mA
Non-Repetitive Forward Surge Current	I_{FSM}	30	A
Ambient Temperature	T_{amb}	-40 --- +100	°C
Maximum Junction Temperature	$T_{(J)}$	130	°C
Storage Temperature	T_{stg}	-40 --- +130	°C

Electrical Characteristics Ratings at 25°C ambient temperature unless otherwise specified.

Item	Symbol	CL01-09	Unit
Forward Voltage Drop $I_F = 350mA$	V_F	10	V
Temperature Reverse Current $T_A = 25^\circ C$	I_{RM1}	5	μA
High Temperature Reverse Current $T_A = 100^\circ C$	I_{RM2}	50	μA

Characteristic Curves



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