

SOD-123FL Schottky Barrier Rectifier Diode 肖特基势垒整流二极管

■Features 特点

Low forward voltage drop 低正向压降

High current capability 高电流能力

Surface mount device 表面贴装器件

Case 封装:SOD-123FL

HF RoHS



■Maximum Rating 最大额定值

(T_A=25°C unless otherwise noted 如无特殊说明, 温度为 25°C)

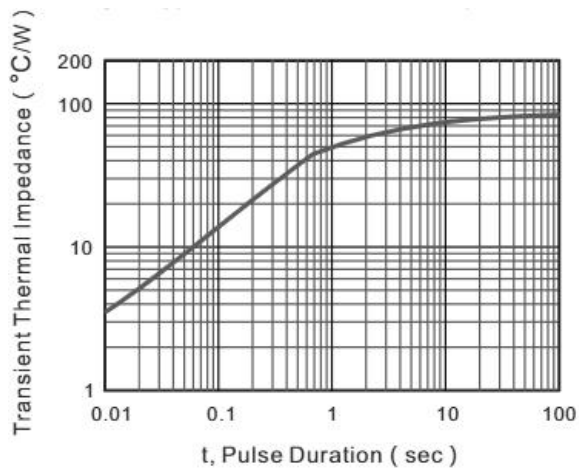
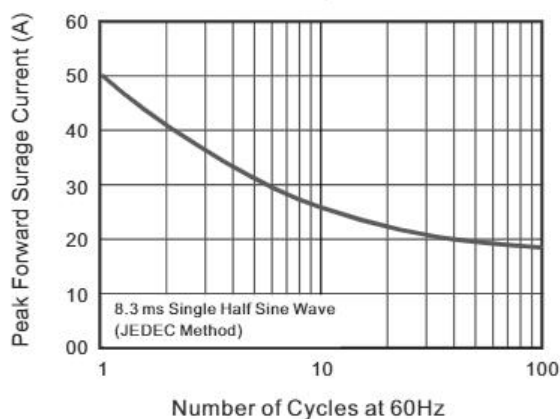
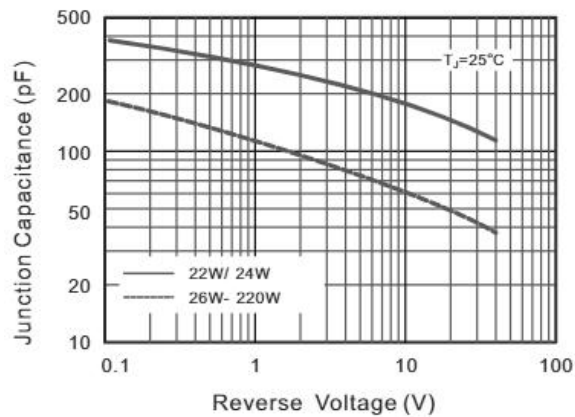
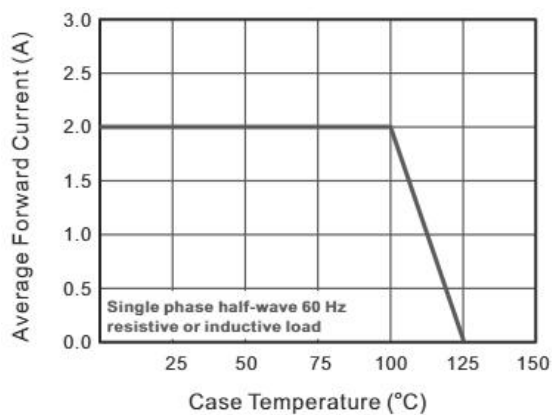
Characteristic 特性参数	Symbol 符号	DSK 22W -6AF	DSK 23W -6AF	DSK 24W -6AF	DSK 25W -6AF	DSK 26W -6AF	DSK 27W -6AF	DSK 28W -6AF	DSK 29W -6AF	DSK 210W -6AF	Unit 单位
Peak Reverse Voltage 反向峰值电压	V _{RRM}	20	30	40	50	60	70	80	90	100	V
DC Reverse Voltage 直流反向电压	V _R	20	30	40	50	60	70	80	90	100	V
RMS Reverse Voltage 反向电压均方根值	V _{R(RMS)}	14	21	28	35	42	49	56	63	70	V
Forward Rectified Current 正向整流电流	I _F	2									A
Peak Surge Current 峰值浪涌电流	I _{FSM}	50									A
Thermal Resistance J-A 结到环境热阻	R _{θJA}	85									°C/W
Junction/Storage Temperature 结温/储藏温度	T _J , T _{stg}	-50to+150									°C

■Electrical Characteristics 电特性

(T_A=25°C unless otherwise noted 如无特殊说明, 温度为 25°C)

Characteristic 特性参数	Symbol 符号	DSK22W-DSK25W-6AF	DSK26W-DSK27W-6AF	DSK28W-DSK210W-6AF	Unit 单位	Condition 条件
Forward Voltage 正向电压	V _F	0.55	0.70	0.85	V	I _F =2A
Reverse Current 反向电流	I _R (25°C) (100°C)	0.5 5		0.3 3	mA	V _R =V _{RRM}
Diode Capacitance 二极管电容	C _D	220		80	pF	V _R =4V, f=1MHz

■ Typical Characteristic Curve 典型特性曲线



■ SOD-123FL Dimension 外形封装尺寸 Unit in millimeters 单位: 毫米

