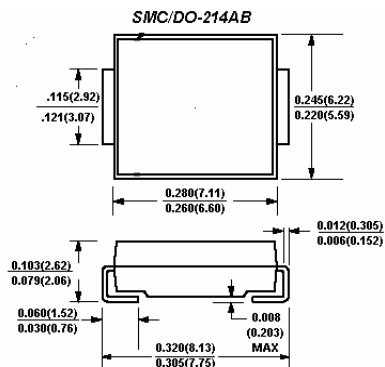


表面贴装肖特基整流二极管 SS32 THRU SS36

SURFACE MOUNT SCHOTTKY RECTIFIER
Voltage -20 to 60 Volts Current -3.0Ampere

FEATURES

- ◆ 表面安装应用
- ◆ 玻璃钝化芯片
- ◆ 薄型塑料封装 (SMC DO-214 AB)
- ◆ 低功耗,高效率
- ◆ 电流大, 正向电压低
- ◆ 高浪涌电流
- ◆ 低电压、高频率使用.极性保护应用
- ◆ 最高焊接的温度 250°C /10 秒



Dimensions in inches
(millimeters)

MECHANICAL DATA

- ◆ 封装 :塑料包装
- ◆ 焊接端子: 铅锡合金镀层
- ◆ 极性:标线段为阴极
- ◆ 包装: 25K/箱 2.5K / Reel (13") 16mm tape
- ◆ 重量: 0.21 g

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified. Resistive or inductive load. For capacitive load , derate current by 20%

SYMBOLS		SS32	SS33	SS34	SS35	SS36	UNITS
Maximum Recurrent Peak Reverse Voltage	V _{RRM}	20	30	40	50	60	Volts
Maximum RMS Voltage	V _{RMS}	14	21	28	35	42	Volts
Maximum DC Blocking Voltage	V _{DC}	20	30	40	50	60	Volts
Maximum Average Forward Rectified Current at T _L (See Figure 1)	I _(AV)	3.0					Amps
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I _{FSM}	100					Amps
Maximum Instantaneous Forward Voltage at 3.0A (NOTE1)	V _F	0.50			0.75		Volts
Maximum DC Reverse Current (NOTE1) T _A =25°C at Rated DC Blocking Voltage T _A =100°C	I _R	0.5 20.0					mA
Maximum Thermal Resistance (NOTE 2)	R _{θJL} R _{θJA}	10.0 60.0					°C/W
Operating and storage Temperature Range	T _J T _{STG}	-55 to+125					°C

NOTES:

1. Pulse Test pulse width 300 μs , Duty Cycle 2%.
2. 8.0mm² (.013mm thick) land areas.