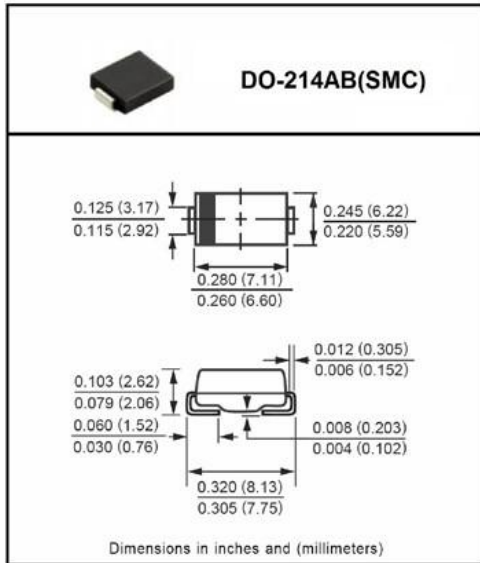


表面安装肖特基二极管  
反向电压**60 V**  
正向电流**3.0A**

Surface Mount Schottky Barrier Rectifiers  
Reverse Voltage **60 V**  
Forward Current **3.0A**



## 特征 Features

- 大电流承受能力。High Current Capability
- 正向压降低。Low Forward Voltage Drop
- 高温焊接保证: 260°C/10秒 High temperature soldering guaranteed: 260°C/10seconds at terminals
- 引线 and 管体皆符合 RoHS 标准。Lead and body according with RoHS standard
- 符合 AEC-Q101 标准 AEC-Q101 qualified

## 机械数据 Mechanical Data

- 封装: 塑料封装 Case: Molded plastic body
- 端子: 焊料被镀 Terminals: Solder plated
- 极性: 色环端为负极 Polarity: Color band denotes cathode end
- 安装位置: 任意 Mounting Position: Any

极限值和温度特性  $T_A = 25^\circ\text{C}$  除非另有规定。

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

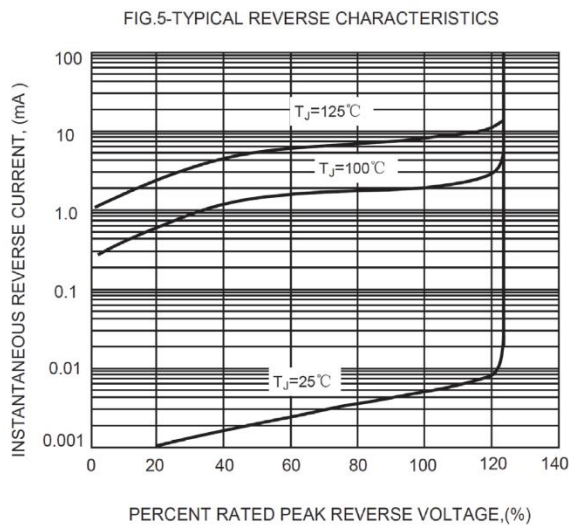
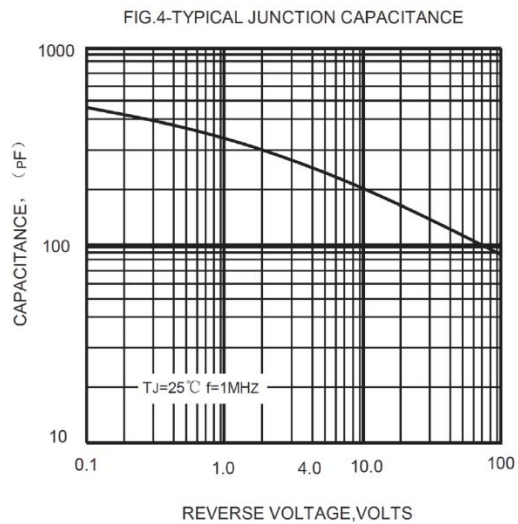
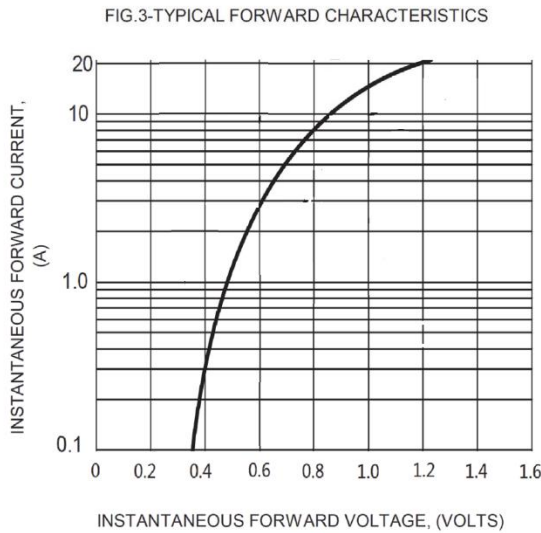
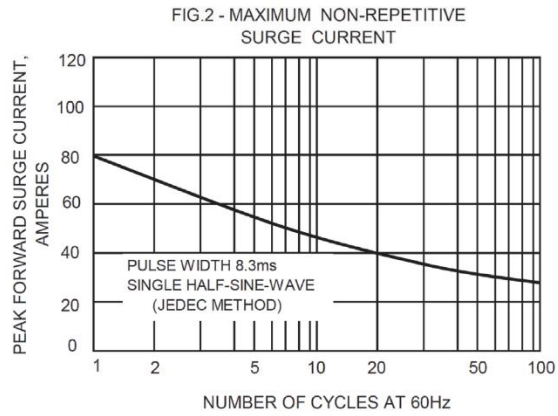
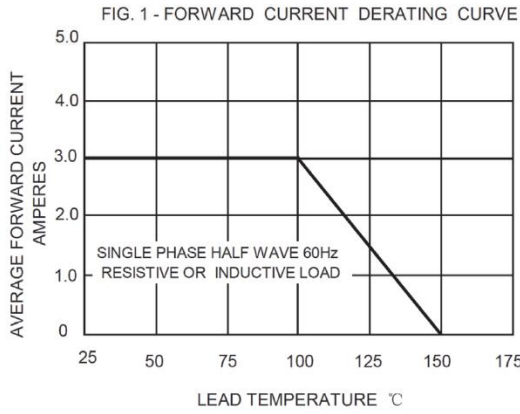
	Symbols	SS36Q	Unit
最大峰值反向电压 Maximum repetitive peak reverse voltage	$V_{RRM}$	60	V
最大反向有效值电压 Maximum RMS voltage	$V_{RMS}$	42	V
最大直流阻断电压 Maximum DC blocking voltage	$V_{DC}$	60	V
最大正向平均整流电流 Maximum average forward rectified current	$I_{F(AV)}$	3.0	A
正向峰值浪涌电流 8.3ms 单一正弦半波 Peak forward surge current 8.3 ms single half sine-wave	$I_{FSM}$	80	A
典型热阻 Typical thermal resistance	$R_{\theta JA}$	55	°C/W
工作结温 Operating junction range	$T_J$	-50---+150	°C
存储温度 storage temperature range	$T_{STG}$	-50---+150	°C

电特性  $T_A = 25^\circ\text{C}$  除非另有规定。

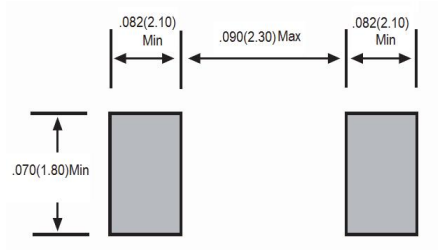
**Electrical Characteristics** Ratings at 25°C ambient temperature unless otherwise specified.

	Symbols	SS36Q	Unit
最大正向电压 $I_F = 1.0A$ Maximum forward voltage	$V_F$	0.70	V
最大反向漏电流 $T_A = 25^\circ\text{C}$ Maximum reverse current $T_A = 100^\circ\text{C}$	$I_R$	0.5 20.0	mA
典型结电容 $V_R = 4.0V, f = 1MHz$ Type junction capacitance	$C_J$	250	pF

## 特性曲线 RATING AND CHARACTERISTIC CURVES



### Mounting Pad Layout



### Packing

Part number	Component Package	Quantity	Packaging Option
SS36Q	DO-214AB SMC	3000	Tape & Reel – 16mm/13" tape

### Tape and Reel Specification

