

Rev.A Oct.-2023

表面贴装肖特基二极管, 反向电压 100V, 正向电流 2.0A, SMAF 封装

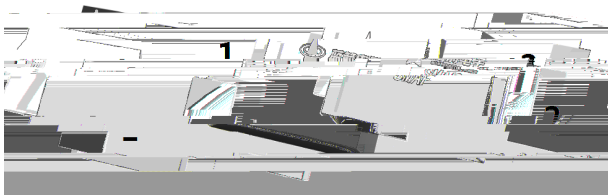
Surface Mount Schottky Barrier Rectifier, Reverse Voltage 100V, Forward Current:2.0A, SMAF thin package.

低功率损耗, 高效率, 高正向浪涌电流能力, 适用于低电压, 高频逆变器, 和极性保护应用, 适用于表面贴装应用, HF 产品。

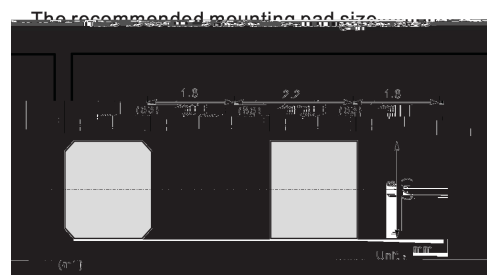
Low power loss, high efficiency, High forward surge current capability, For use in low voltage, high frequency inverters, and polarity protection applications, For surface mounted applications, HF Product.

通用

General purpose.



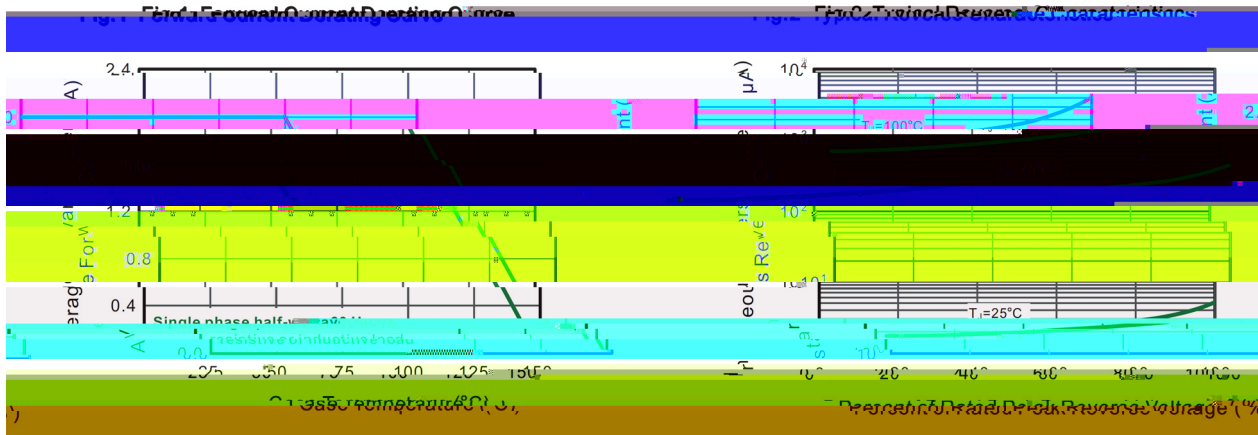
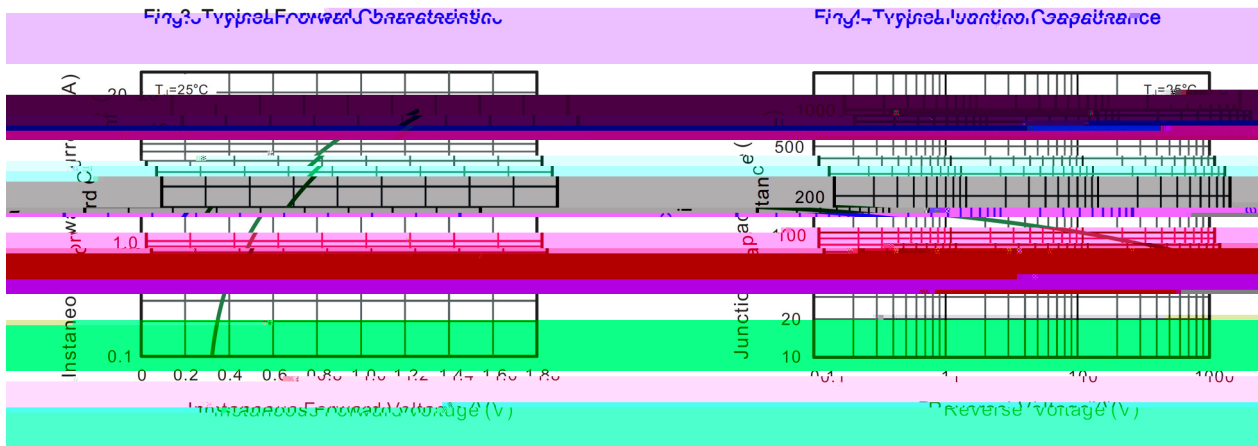
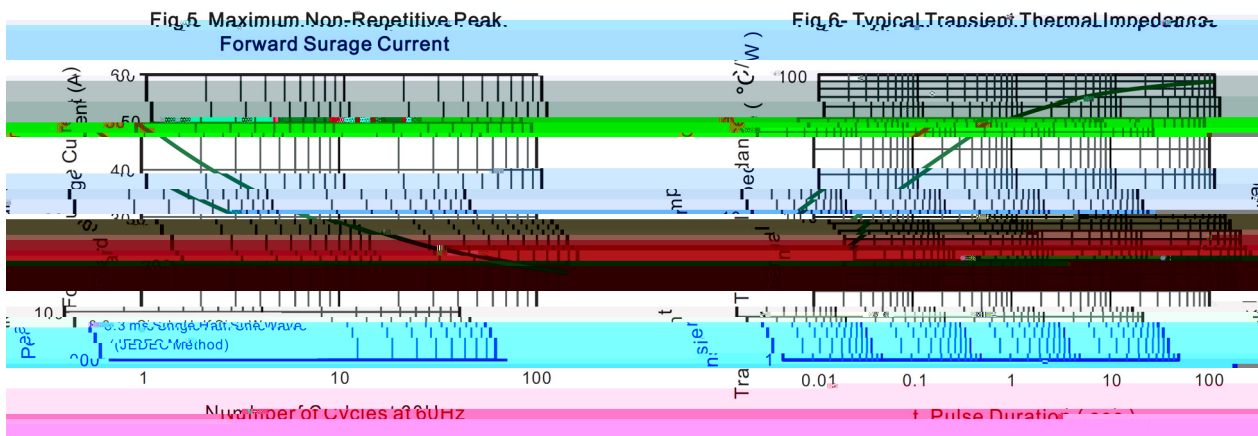
PIN	DESCRIPTION
1	Cathode
2	Anode

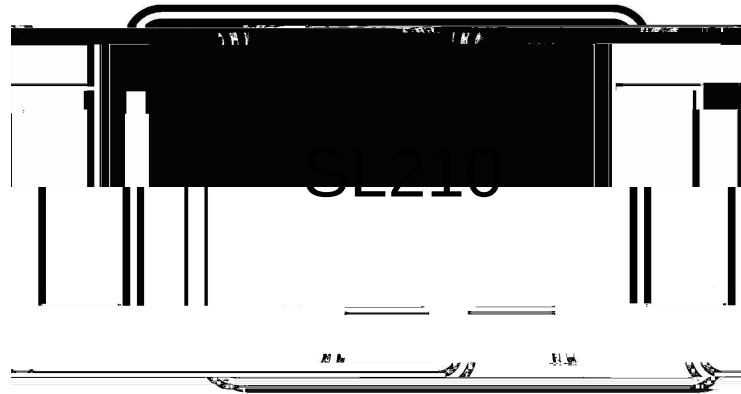


见 marking 说明

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	V
Maximum RMS voltage	V_{RMS}	70	V





б " X

V0543 X № 3 N П

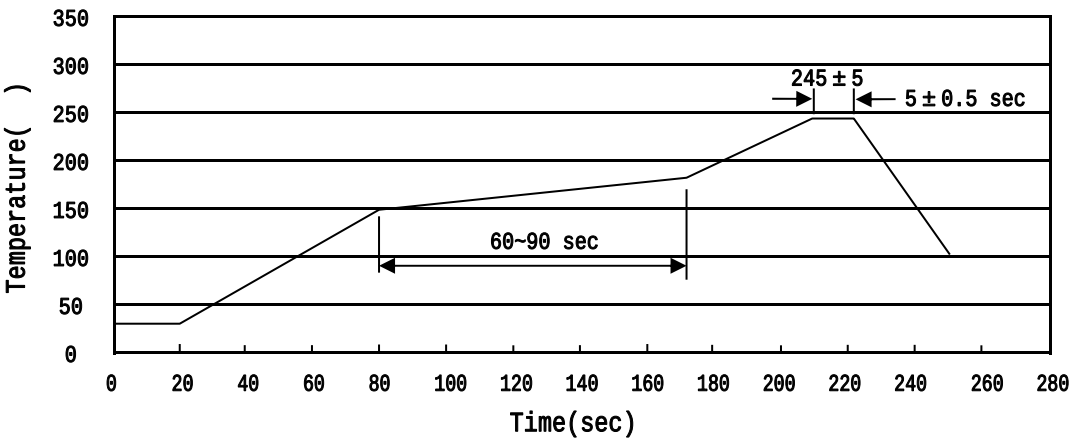
X № 1 F ъ N П I 4 1 F ъ N П

Note:

V0543 X Product Type Code

X Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)



注意

1. 预加热: 150~180℃, 时间: 60~90sec;
2. 峰值温度: 245±5℃, 持续时间: 5±0.5sec;
3. 冷却速度: 2~10℃/sec.

Note:

1. Preheating: 150~180℃, Time: 60~90sec.
2. Peak Temp.: 245±5℃, Duration: 5±0.5sec.
3. Cooling Speed: 2~10℃/sec.

峰值温度: 260±5℃ 时间: 10±1 sec. Temp.: 260±5℃ Time: 10±1 sec

包装 / REEL

Package Type	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SMAF	3,000	5	15,000	6	90,000	7 ρ ×12	185×180×105	390×385×205