SSL210F

Rev.A Oct.-2023

蓝箭电子 BLUE ROCKET ELECTRONICS

DATA SHEET

/ Descriptions

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

/ Features

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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.

/ Applications

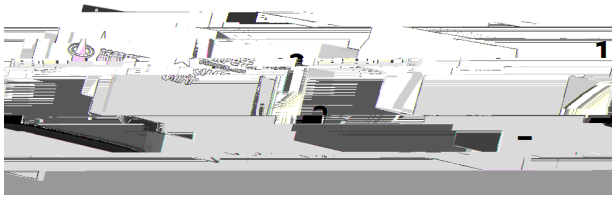
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General purpose.

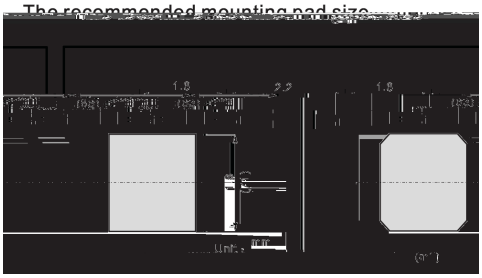
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



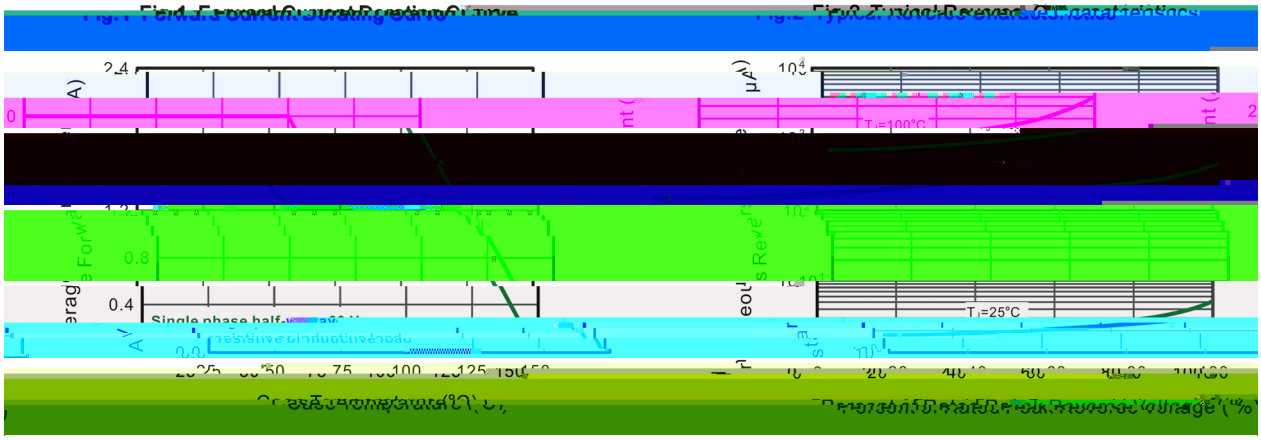
/ Marking

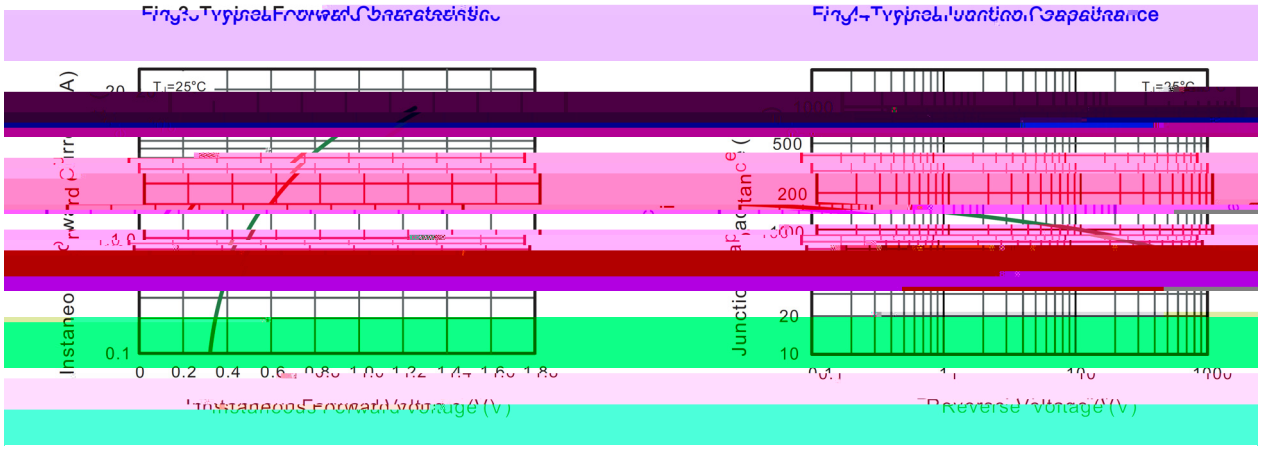
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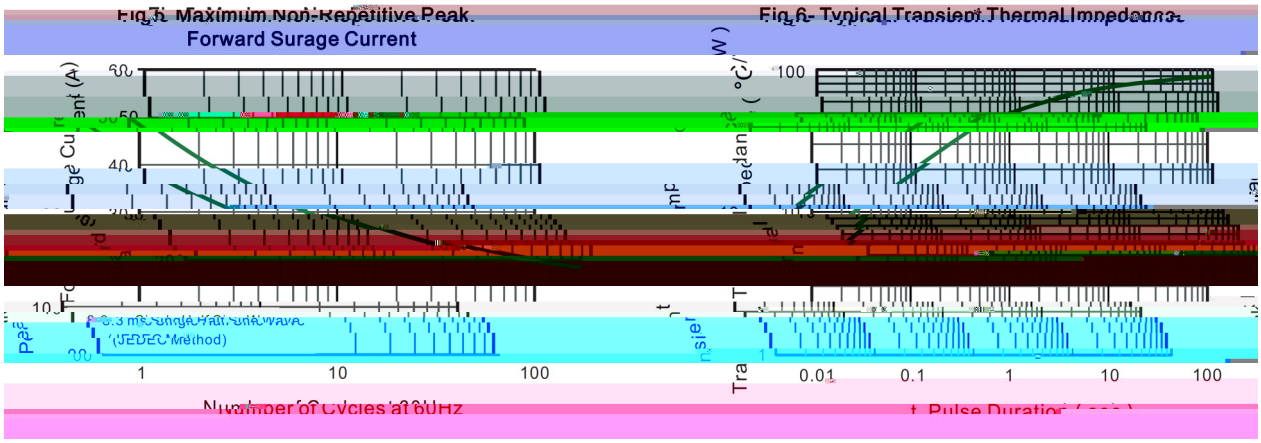
See Marking Instructions.

v ¨Ω Parameter	ϒ N Symbol	¨Ω Ö Rating	D Ђ Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	V
Maximum RMS voltage	V_{RMS}	70	V

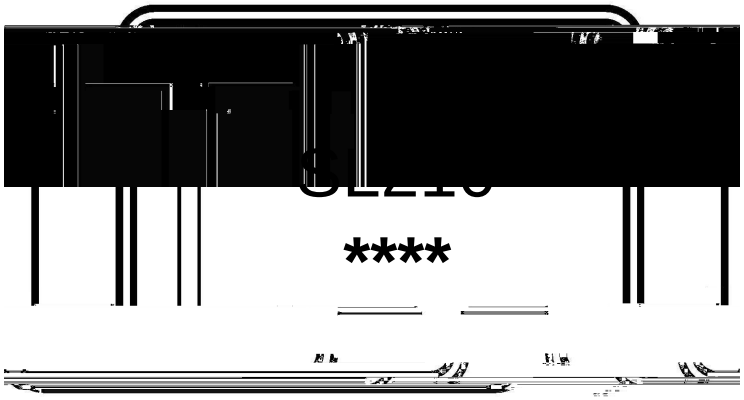
/ Electrical Characteristic Curve







/ Marking Instructions



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V0543 χ ᄒᄌ ᄀ ᄀᄇ

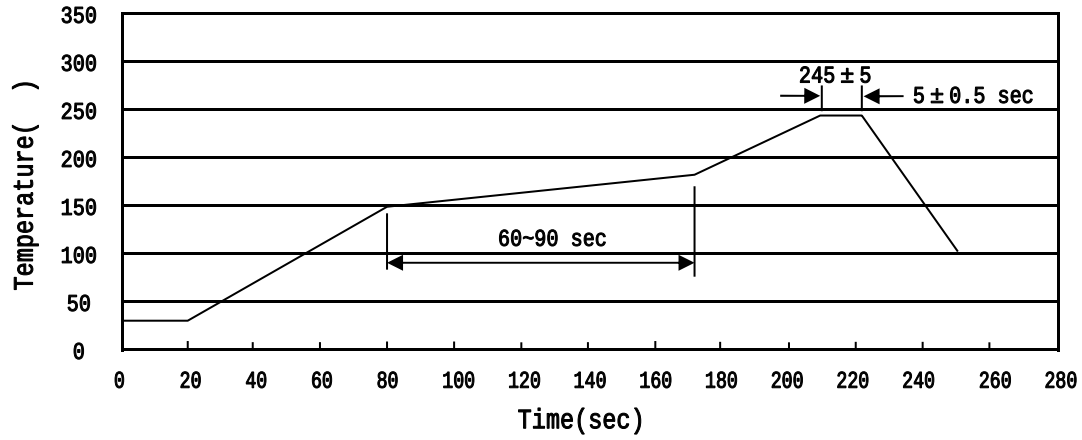
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Note:

V0543 χ Product Type Code

**** χ Lot No. Code, code change with Lot No

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ỷ 150 Ḱ 180 ł ı `H ڑ 60 Ḱ 90sec;

2 Š Ë □ ỷ 245 ° 5 ł ı `H ڑ `Y ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ↄ ♭ ỷ ㎞ 2 Ḱ 10 ł /sec.

Note:

1.Preheating:150~180 ł , Time:60~90sec.

2.Peak Temp.:245 ° 5 ł , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ł /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 260 ° 5 ł `H ڑ χ 10 ° 1 sec. Temp.:260 ° 5 ł Time:10 ° 1 sec

/ Packaging SPEC.

ↄ ` ﾔ Ł / REEL

Package Type	Units					Dimension		(unit mm³)
	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

/ Notices