/ Descriptions

EUFR:683K PH ĩ ₲ьɾ FPRV Ṫ̊ ḫ א s ५ ڃ ڑ ƨ ɔ я Ң я Ţ Ң ı ắ ı ó ५ я ʜ Ę ڑ ˛ ɔ Ⅱ ڑ ˙ 633 p D ı ѡ ƶ ڑ ƨ ɔ я ı ڑ ˙ 63Y ゟ Ɑ ь ɾ FPRV Ṫ̊ ı ḫ א Ң я Ţ ⊐ ṇ ˜ õ ɔ Ⅱ

/ Features

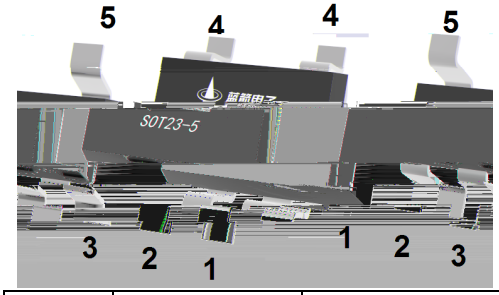
- ◆ ڑ ƨ Ⅱ ں ắ я ڑ 30V
- ◆ ५ õ ڑ ˛ ɔ Ⅱ 300mA
- ◆ Ң я Ţ ı 200mV@Iout=100mA
- ◆ Ң ˜ õ ı ắ ı Ɛ ʒ Ө 2.5ƤA
- ◆ ṇ □ ỷ ४ Ѽ ı ° 50ppm/ ɬ
- ◆ ڃ ५ ỷ ı ° 2 β
- ◆ ڃ PSRR χ 65dB@1kHz
- ◆ SOT23-5Ṃ Ь ı ṇ ɾ β

/ Applications

- ◆ ɔ – ě ɔ ֆ ɬ
- ◆ ᵑ g ֆ ɬ
- ◆ ӂ Ѧ Ã ֆ ɬ

/ Typical Application

/ Pinning

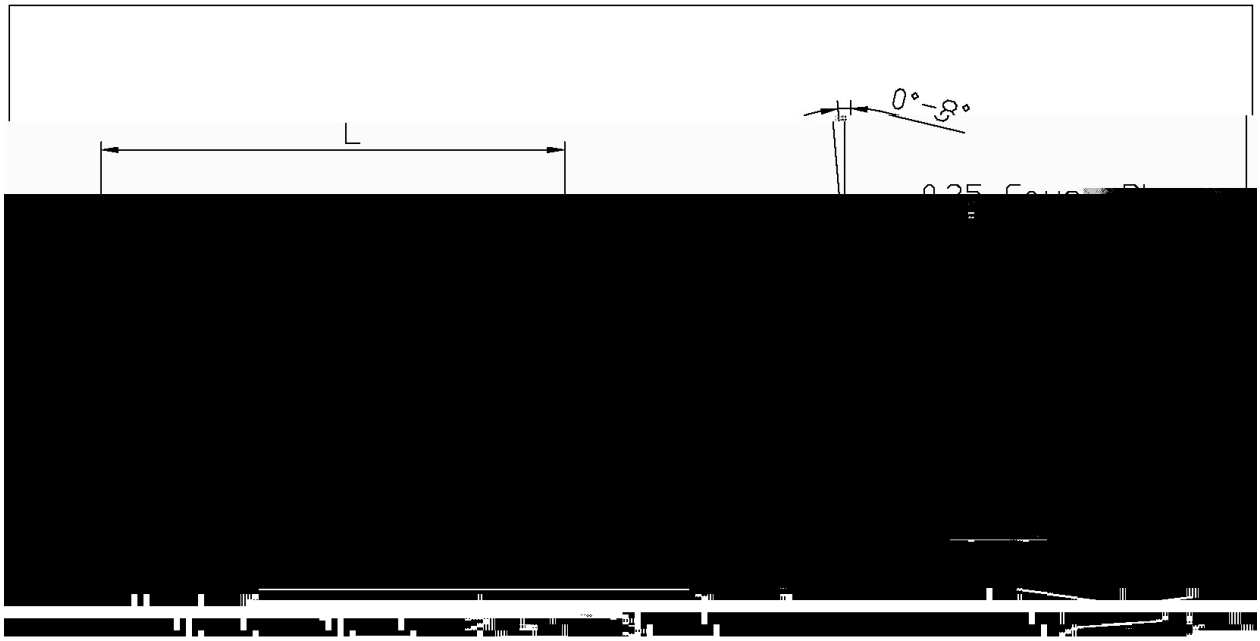


Ậ ő	ᵾ ५	ı ĩ	Ậ ő	ᵾ ५	ı ĩ
1	VIN	ɔ я ڑ ƨ ५	4	NC	Ừ ४
2	GND	ɔ ◊ ş	5	VOUT	ɔ я ڑ ˛ ५
3	CE	Æ ĩ ५ ı j ĩ Ừ ४ Æ ɾ ı ڃ ɔ Ẉ ῶ ᾦ			

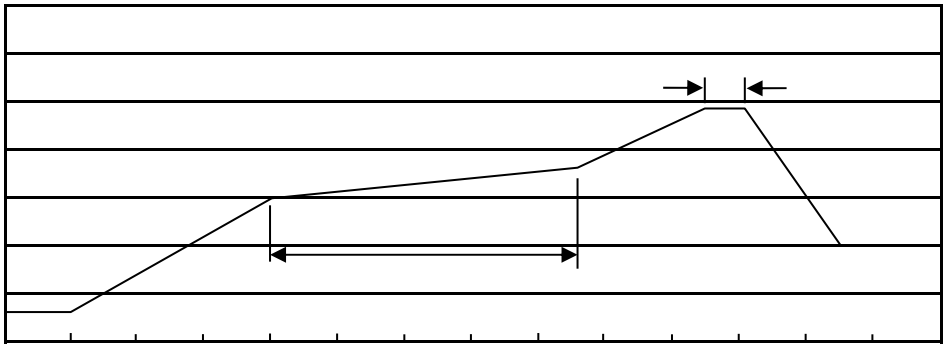
v Ѭ	ч N	Ѭ Ө	D Ң
ڑ ϡ ‖ ں ɔ я	V_{IN_MAX}	30	V
ڑ ϡ Ṫ Ă ɔ я	V_{IN}	-0.3~30	V
CE Ậ ΰ ở я	V_{CE}	V_{IN}-0.3~V_{IN}+0.3	V
ڑ ˛ ɔ ╚	I_{OUT}	0~500	mA
ở Ѭ ı '	P_D	0.3	W

/ Functionl Block Diagram

/ Package Dimensions



( ) / 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 ㅅ ㎞ 5 ° 0.5sec;

3 ì ˙ ㅣ ˛ 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 Time:10±1 sec

/ Packaging SPEC.

ↄ ` ㅣ 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
SOT23-5/6	3,000	10	30,000	4	120,000	7 ×8	210×205×205	445×435×230

/ Notices

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