

TO0596 M M $\leq 9^\circ$ $\parallel 1$
Schottky Barrier Diode in a TO-263 Plastic Package.

$H^* \quad b \quad \pi \quad i \quad H, \quad \alpha \quad i \quad \tilde{\omega} \quad i$
Low forward voltage drop, low power losses, High efficiency operation.

$\tilde{\omega} \quad i \quad \psi \quad H \quad i \quad \tilde{A} \quad H \quad \diamond \quad i \quad H \quad \mathbb{L} \quad \parallel 1 \quad i \quad ORing \quad \sim \quad \parallel 1 \quad i \quad GF0GF \quad \Omega \quad H \quad \supset \quad \supset \quad - \quad r \quad b \quad 3 \quad i$
For use in high frequency inverters, switching power supplies, freewheeling diodes, OR-ing diode, dc-to-dc converters and re

Parameter	Symbol	Rating	Unit
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IFSM

8.3ms Single Half Sine Wave Jedec Method

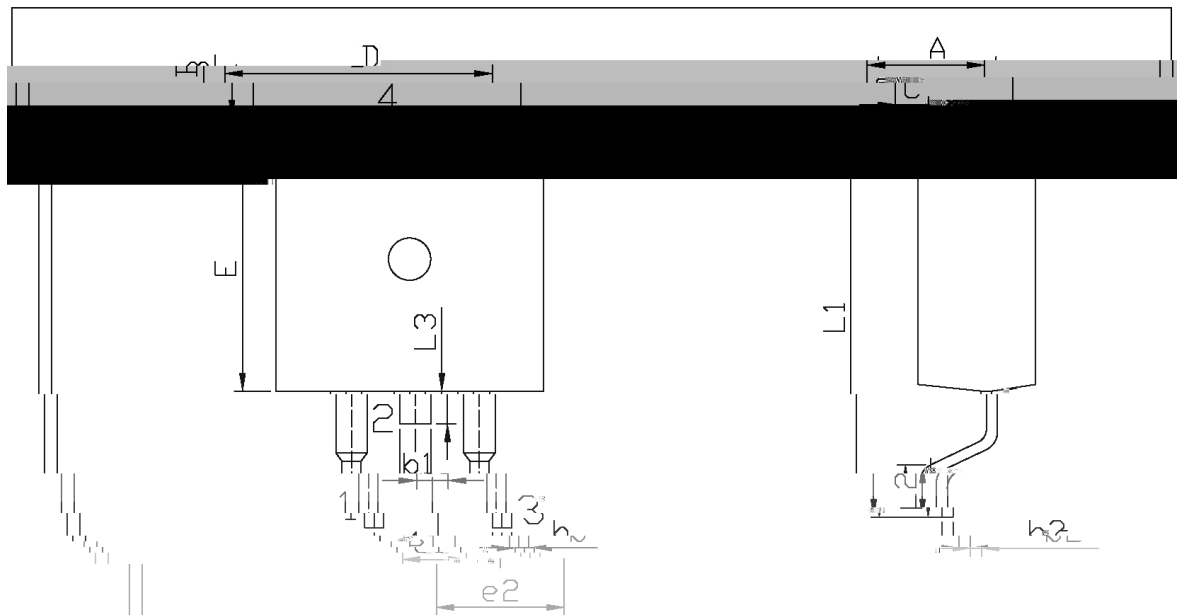
PEAK FORWARD SURGE CURRENT - (A)

NO. OF CYCLES AT 60HZ

No. of Cycles at 60Hz	Peak Forward Surge Current (A)
0	250
10	210
20	180
30	160
40	145
50	130
60	115
70	105
80	90
90	80
100	75

[illegible]

/ Package Dimensions



Dimensions in Millimeters					
Source			Sink		
Max	Min	Max	Min	Max	Min
9.40	4.30	4.70	4.00	9.00	4.00
2.74	1.00	1.40	1.00	2.34	1.00

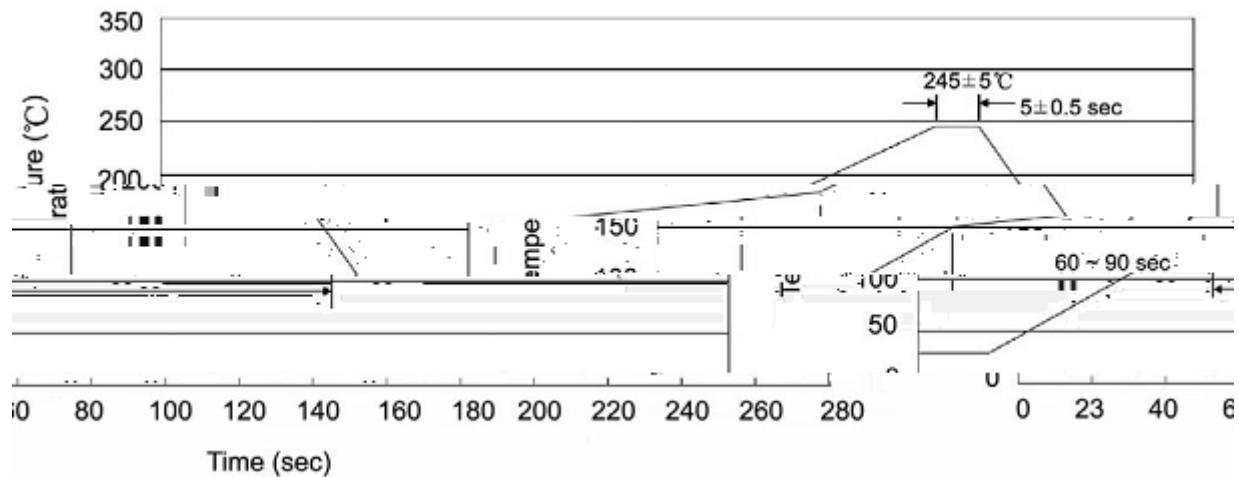
BR

CT ○ ****

LV3045

” Χ	
ER Χ	⌘ 3 1 Γ
LV6378 Χ	⌘ f β 3 N
FT:	⌘ 1 J =
**** Χ	⌘ 1 f ḡ N Γ 1 1 f ḡ N Ψ ρ
Note:	
BR:	Company Code
LV6378 Χ	Product Type.
FT:	Internal Structure
****:	Lot No. Code, code change with Lot No.

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



1. Preheating: 25~150 °C, Time: 60~90sec;
2. Peak Temp.: 245±5 °C, Duration: 5±0.5sec;
3. Cooling Speed: 2~10 °C/sec.

- Note:
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/ Resistance to Soldering Heat Test Conditions

□ 260±5 °C, Time: 10±1 sec. Temp.: 260±5 Time: 10±1 sec

/ Packaging SPEC.

□ / 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
TO-263	800	1	800	5	4,000	13 × 24	360×360×50	385×257×392