

LTTH1506D

HYPER-FAST GLASS PASSIVATED RECTIFIER

REVERSE VOLTAGE – 600 Volts FORWARD CURRENT – 15 Ampere

CASE

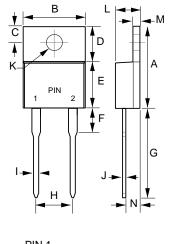
FEATURES

- · Soft, Hyper fast switching capability
- Specially suited for critical mode Power Factor Corrections
- High reliability and efficiency
- TO-220AC
 - Lead-Free Finish; RoHS Compliant (Notes 1 & 2)
- Available in "Green" Package: TO-220AC
 - Lead-Free Finish; RoHS Compliant (Notes 1 & 2)
 - Halogen and Antimony Free. "Green" Device (Note 3)

MECHANICAL DATA

- Package: JEDEC TO-220AC
- Package Material: Plastic material, UL flammability classification 94V-0
- Moisture Sensitivity: Level 1 per J-STD-020C
- · Terminals: Lead Free Plating
- Polarity indicator: As marked on the body
- Weight: 0.08 ounces, 2.24 grams
- Component in accordance to RoHS 2002/95/EC
- ESD capability: HBM_8KV (JESD22-A114)
- Maximum mounting torque = 0.5 N.m (5.1 Kgf.cm)

TO-220AC



PIN 2 -

TO-220AC				
DIM.	MIN.	MAX.		
Α	14.40	15.20		
В	9.65	10.67		
С	2.54	3.43		
D	5.84	6.86		
Е	8.26	9.28		
F	-	4.20		
G	12.70	14.73		
Н	4.83	5.33		
I	0.51	1.14		
J	0.30	0.64		
K	3.53 Ø	4.09 Ø		
L	3.56	4.83		
М	1.14	1.40		
N	2.03	2.92		
All Dimensions in millimeter				

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25°C ambient temperature unless otherwise specified.

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300 2400 26 30 Typical 3.0 4.0 REV 8 Nov-2021 K	

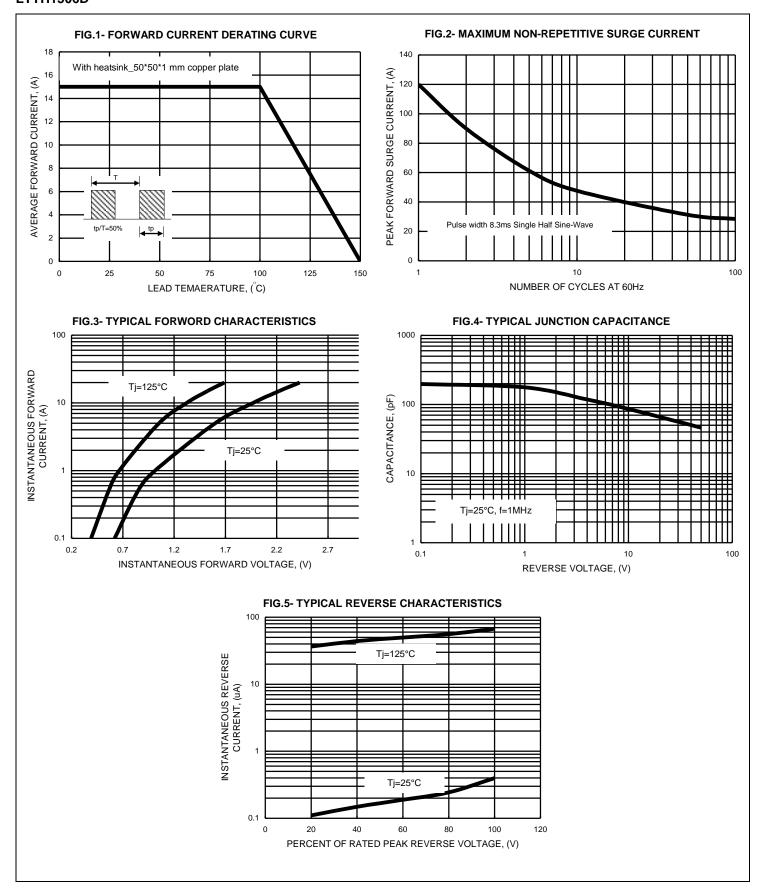
Notes:

REV. 8, Nov-2021, KTGA26

- 1. EU Directive 2002/95/EC (RoHS), 2011/65/EU (RoHS 2) & 2015/863/EU (RoHS 3) compliant. All applicable RoHS exemptions applied.
- 2. See https://www.diodes.com/quality/lead-free/ for more information about Diodes Incorporated's definitions of Halogen- and Antimony-free, "Green" and Lead-free.
- 3. Halogen- and Antimony-free "Green" products are defined as those which contain <900ppm bromine, <900ppm chlorine (<1500ppm total Br + Cl) and <1000ppm antimony compounds
- 4. 300us Pulse Width, 2% Duty Cycle.
- 5. Thermal Resistance test performed in accordance with JESD-51. R_{OJL} is measured at the PIN 2, R_{OJC} is measured at the top centre of body.



RATING AND CHARACTERISTIC CURVES LTTH1506D



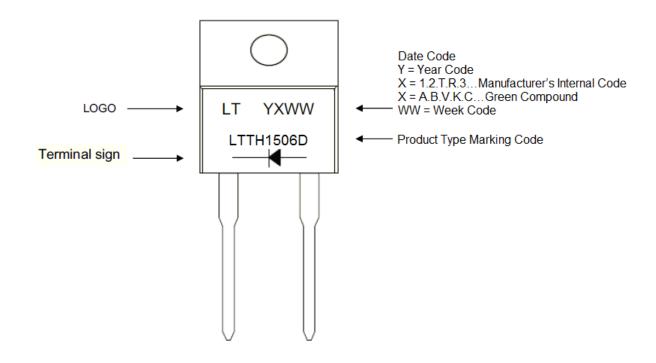


Ordering Information:



Part Number		Package	Packing	
Lead Free	Green	1 ackage	Qty.	Carrier
NA	LTTH1506D_HF	TO-220AC	50	Tube
LTTH1506D	NA	TO-220AC	50	Tube

Marking Information:



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