

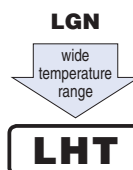
ALUMINUM ELECTROLYTIC CAPACITORS

LHT

Snap-in Terminal Type, 125°C Wide Temperature Range

NEW

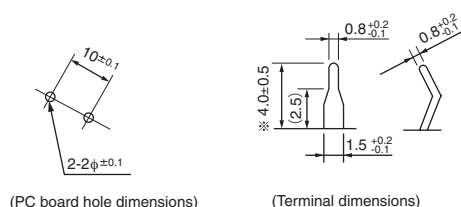
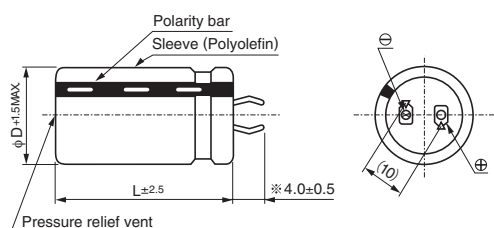
- Wide temperature Range of LGN.
- Contributing to high temperature support of equipment.
- Compliant of the RoHS directive (2011/65/EU, (EU)2015/863).



Specifications

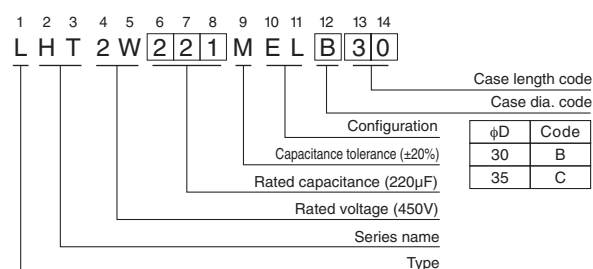
Item	Performance Characteristics	
Category Temperature Range	- 40 to +125°C	
Rated Voltage Range	450V	
Rated Capacitance Range	220 to 680μF	
Capacitance Tolerance	±20% at 120Hz, 20°C	
Leakage Current	$I \leq 3\sqrt{CV}$ (μA) (After 5 minutes' application of rated voltage at 20°C) [C : Rated Capacitance (μF) V : Voltage (V)]	
Tangent of loss angle (tan δ)	0.20MAX. 120Hz at 20°C	
Stability at Low Temperature	Impedance ratio $Z_{-25^\circ\text{C}} / Z_{+20^\circ\text{C}} \leq 8$ (120Hz)	
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after D.C. bias plus rated ripple current is applied for 3000 hours at 125°C, the peak voltage shall not exceed the rated voltage.	Capacitance change
		Within ±20% of the initial capacitance value
		tan δ
Shelf Life	After storing the capacitors under no load at 125°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the requirements listed at right.	Capacitance change
		Within ±15% of the initial capacitance value
		tan δ
Marking	Printed with white color letter on black sleeve.	Leakage current
		Less than or equal to the initial specified value
		Leakage current
		Less than or equal to the initial specified value
		Leakage current
		Less than or equal to the initial specified value

Drawing



※ The other terminal is also available upon request.
Please contact us for details.

Type numbering system (Example : 450V 220μF)



Dimensions

450V (2W)				
Cap. (μF)	Size φD × L(mm)	Rated ripple (mArms)	Leakage Current (mA)	Code
220	30 × 30	1120	0.94	LHT2W221MELB30
270	30 × 35	1270	1.05	LHT2W271MELB35
	35 × 30	1340	1.05	LHT2W271MELC30
330	30 × 45	1480	1.16	LHT2W331MELB45
	35 × 35	1510	1.16	LHT2W331MELC35
390	30 × 50	1640	1.26	LHT2W391MELB50
	35 × 40	1700	1.26	LHT2W391MELC40
470	30 × 55	1840	1.38	LHT2W471MELB55
	35 × 45	1910	1.38	LHT2W471MELC45
560	35 × 50	2130	1.51	LHT2W561MELC50
680	35 × 60	2430	1.66	LHT2W681MELC60

Rated ripple current (mArms) at 125°C 120Hz

Frequency coefficient of rated ripple current

Frequency (Hz)	50	60	120	300	1 k	10k	50k or more
Coefficient	0.77	0.82	1.00	1.16	1.30	1.41	1.43

Minimum order quantity : 50pcs.

Design, specifications are subject to change without notice.

Mouser Electronics

Authorized Distributor

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Nichicon:

[LHT2W221MELB30](#) [LHT2W271MELB35](#) [LHT2W271MELC30](#) [LHT2W331MELB45](#) [LHT2W331MELC35](#)
[LHT2W391MELB50](#) [LHT2W391MELC40](#) [LHT2W471MELB55](#) [LHT2W471MELC45](#) [LHT2W561MELC50](#)
[LHT2W681MELC60](#)