

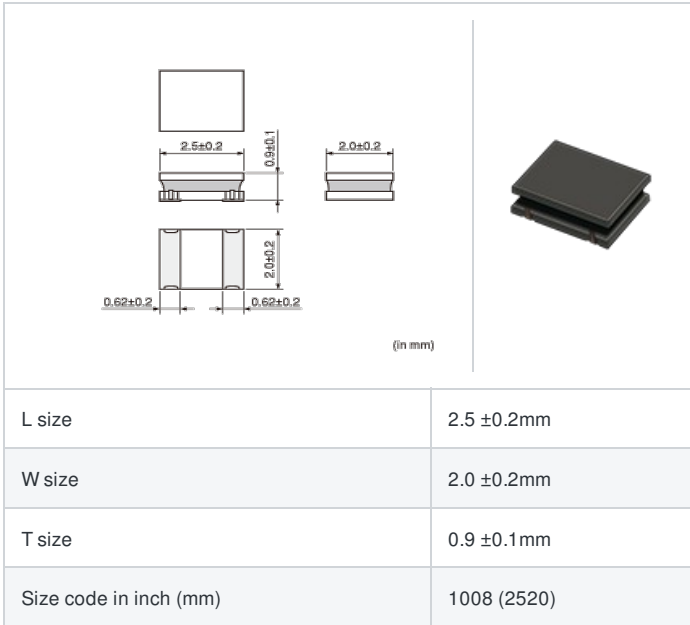
LQH2HPN4R7MGR#

indicates a package specification code.



< List of part numbers with package codes >
LQH2HPN4R7MGRL

Shape



Notes

When applied Rated current to the Products, Inductance will be within ±30% of initial inductance value range.
Keep the temperature(ambient temperature plus self-generation of heat) under 125°C.
When applied rated current to the products, temperature rise caused by self-generated heat shall be limited to 40°C (at the rated current under 85°C) 20°C (at the rated current under 105°C)

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.019g

Specifications

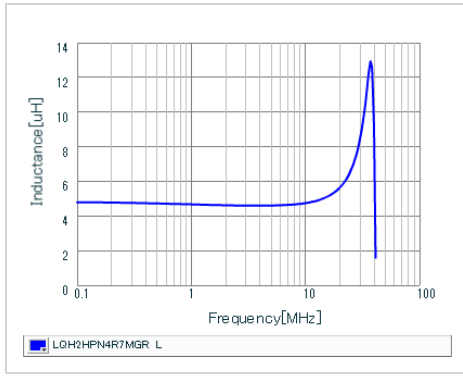
Inductance	4.7μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	1090mA
Rated current (I _{temp}) (Based on Temperature rise)	1000mA(Ambient temp.85°C) 570mA(Ambient temp.105°C)
Max. of DC resistance	0.36Ω
Avg. of DC resistance	0.300Ω±20%
Self resonance frequency (min.)	50MHz
Operating temperature range (Self-temperature rise is included)	-40~125°C
Operating temperature range (Self-temperature rise is not included)	-40~105°C
Class of magnetic shield	Magnetic Resin
Series	LQH2HPN_GR

Attention

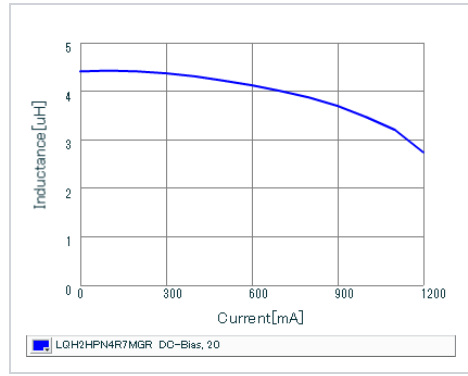
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

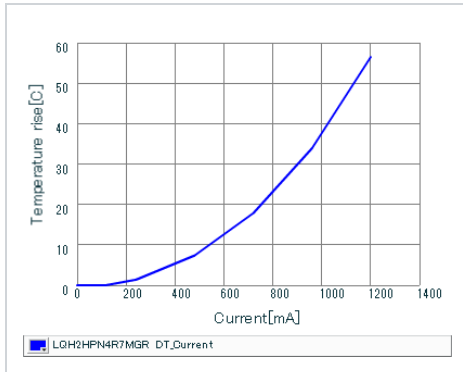
Inductance-Frequency characteristics (Typ.)



Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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