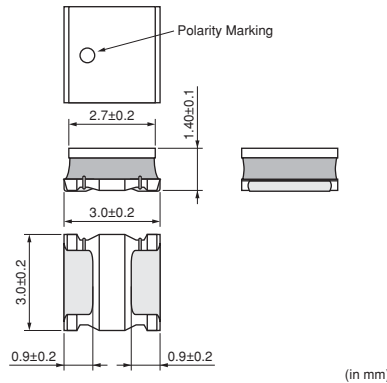


LQH3NPN_M0 Series 1212/3030 (inch/mm)

Size Code 1212 (3030) in inch (in mm), 1.5mm max. Thickness

■ Appearance/ Dimensions



■ Packaging

Code	Packaging	Minimum Quantity
L	ø180mm Embossed Taping	1000
K	ø330mm Embossed Taping	4000



Refer to pages 102 to 106 for mounting information.

■ Rated Value (□: packaging code)

Part Number	Inductance	Rated Current ^{*1*3} (Based on Inductance Change)	Rated Current ^{*2*3} (Based on Temperature Rise)	DC Resistance	Self-Resonance Frequency (min.)	Kit
LQH3NPN1R0MM0□	1.0μH ±20%	1400mA	2050mA	0.044Ω ±20%	130MHz	Kit
LQH3NPN1R0NM0□	1.0μH ±30%	1400mA	2050mA	0.044Ω ±20%	130MHz	
LQH3NPN2R2MM0□	2.2μH ±20%	1250mA	1600mA	0.073Ω ±20%	90MHz	Kit
LQH3NPN2R2NM0□	2.2μH ±30%	1250mA	1600mA	0.073Ω ±20%	90MHz	
LQH3NPN3R3MM0□	3.3μH ±20%	1000mA	1450mA	0.092Ω ±20%	75MHz	Kit
LQH3NPN3R3NM0□	3.3μH ±30%	1000mA	1450mA	0.092Ω ±20%	75MHz	
LQH3NPN4R7MM0□	4.7μH ±20%	880mA	1250mA	0.13Ω ±20%	65MHz	Kit
LQH3NPN4R7NM0□	4.7μH ±30%	880mA	1250mA	0.13Ω ±20%	65MHz	
LQH3NPN6R8MM0□	6.8μH ±20%	820mA	1000mA	0.20Ω ±20%	50MHz	Kit
LQH3NPN6R8NM0□	6.8μH ±30%	820mA	1000mA	0.20Ω ±20%	50MHz	
LQH3NPN100MM0□	10μH ±20%	550mA	870mA	0.26Ω ±20%	45MHz	Kit
LQH3NPN100NM0□	10μH ±30%	550mA	870mA	0.26Ω ±20%	45MHz	
LQH3NPN150MM0□	15μH ±20%	520mA	730mA	0.36Ω ±20%	30MHz	Kit
LQH3NPN150NM0□	15μH ±30%	520mA	730mA	0.36Ω ±20%	30MHz	
LQH3NPN220MM0□	22μH ±20%	410mA	650mA	0.51Ω ±20%	28MHz	Kit
LQH3NPN330MM0□	33μH ±20%	370mA	500mA	0.85Ω ±20%	22MHz	Kit
LQH3NPN470MM0□	47μH ±20%	310mA	410mA	1.25Ω ±20%	18MHz	Kit
LQH3NPN101MM0□	100μH ±20%	200mA	240mA	3.50Ω ±20%	12MHz	Kit

Inductance Test Frequency: 1MHz Class of Magnetic Shield: Magnetic shield of magnetic powder in resin

Operating Temperature Range (Self-temperature rise is included): -40°C~+125°C

Operating Temperature Range (Self-temperature rise is not included): -40°C~+85°C

For reflow soldering only.

*1 When applied rated current to the products, inductance will be within ±30% of initial inductance value.

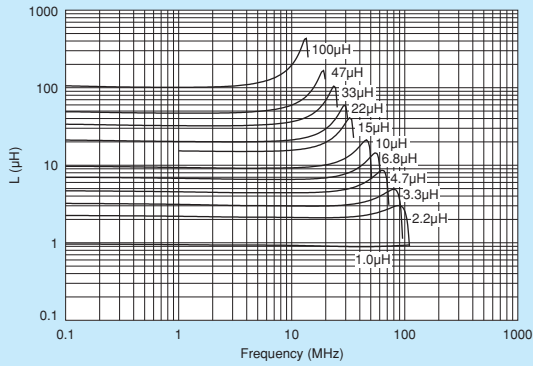
*2 When applied rated current to the products, self-temperature rise shall be limited to 40°C max.

*3 Keep the temperature (ambient temperature plus self-generation of heat) under 125°C.

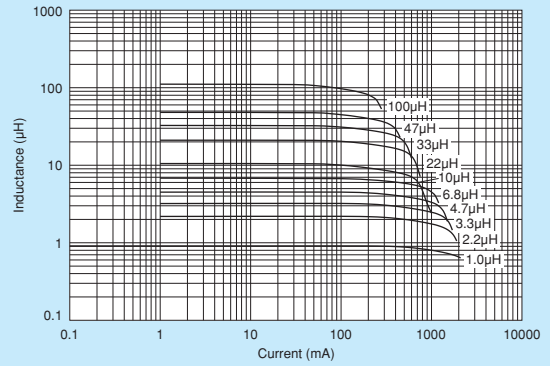
Continued on the following page. ↗

△Note • Please read rating and △CAUTION (for storage, operating, rating, soldering, mounting and handling) in this catalog to prevent smoking and/or burning, etc.
• This catalog has only typical specifications. Therefore, please approve our product specifications or transact the approval sheet for product specifications before ordering.

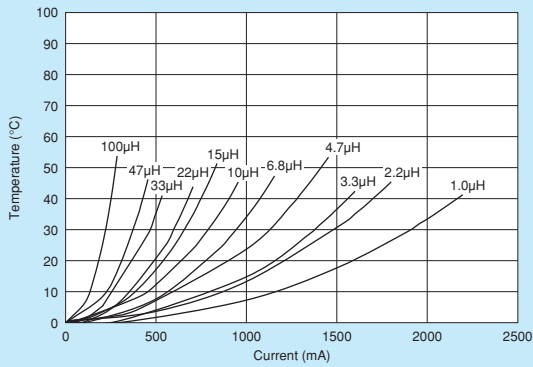
■ Inductance-Frequency Characteristics (Typ.)



■ Inductance-Current Characteristics (Typ.)



■ Temperature Rise Characteristics (Typ.)



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