muRata Inductor Data S	Sheet			
LQH32CH2R2M3	33# "#" indicates a package spec	cification code.		
In Production Power- train 🖘 AEC- 85 Q200 Cmax. (Ferrite				
< List of part numbers with package codes > LQH32CH2R2M33L ,LQH32CH2R2M33K ,I	LQH32CH2R2M33B			
Shape		Note	es	
Marking of inductance letter is available. (optional)		When rated current is applied to the products, self-temperature rise shall be limited to 20 °C max and inductance will be within ±10% of initial inductance value.		
		References		
3.2±0.3 2.5±0.2 4.2.8 max. * Please refer to dimension A fr LQH32CH_33.LQH32CH_33		Packaging code	Specifications	Minimum quantity
(2R2M, 4R7M, 100K) types. (See Fig. 1)		L	φ180mm Embossed taping	2000
		К	φ330mm Embossed taping	7500
L size	3.2 ±0.3mm	В	Packing in bulk	500
W size	2.5 ±0.2mm			
T size	2.0 ±0.2mm		Mass (Typ.)	
Size code in inch (mm)	1210 (3225)	1 piece	1 piece 0.060g	

Specifications

Inductance	2.2µH ±20%
Inductance test frequency	1MHz
Rated current (Itemp) (Based on Temperature rise)	790mA
Max. of DC resistance	0.1261Ω
Avg. of DC resistance	0.097Ω±30%
Self resonance frequency (min.)	64MHz
Operating temperature range (Self-temperature rise is not included)	-40°C to 85°C
Class of magnetic shield	No Shield
Series	LQH32CH_33

🔔 Attention

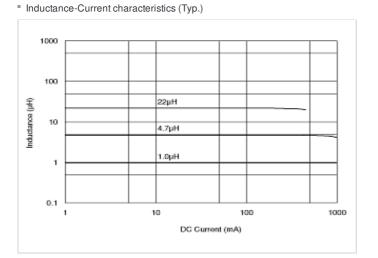
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued

without advance notice. Please check with our sales representatives or product engineers before ordering.

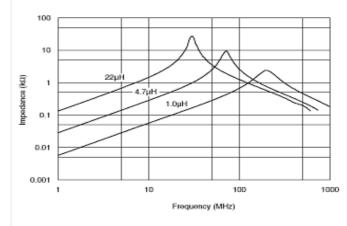
2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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



Impedance-Frequency characteristics (Typ.)



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