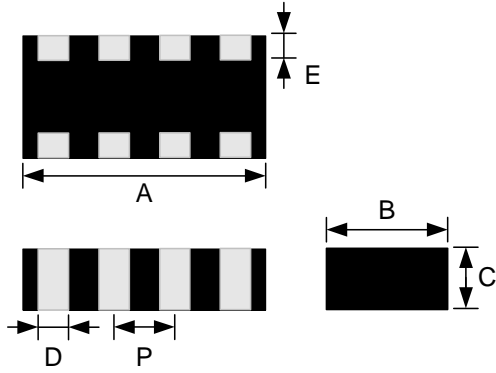


PRODUCT DIMENSION

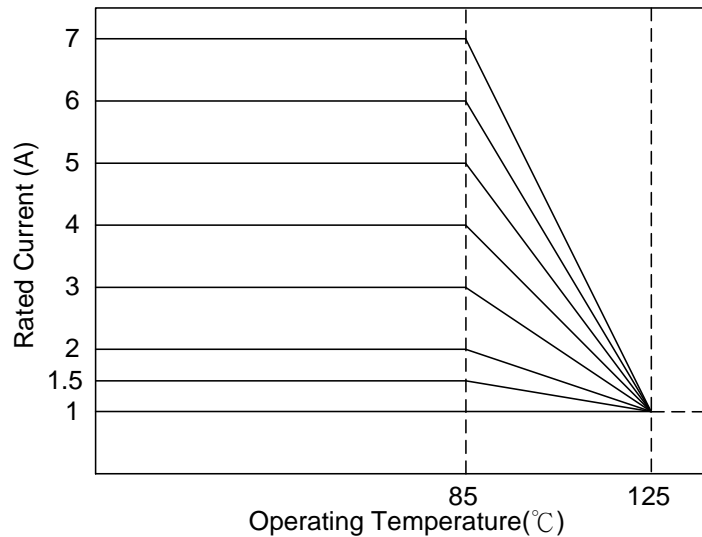


NOTE : Dimensions in mm

PRODUCT NO.	A	B	C	D	E	P
MLB-3216	3.2±0.2 (0.126±0.008)	1.6±0.2 (0.063±0.008)	0.9±0.2 (0.035±0.008)	0.4±0.2 (0.015±0.008)	0.3±0.2 (0.012±0.008)	0.8±0.1 (0.031±0.004)

CURRENT DERATING

In operating temperatures exceeding +85°C, derating of current is necessary for chip ferrite beads for which rated current is 1.5A or over. Please apply the derating curve shown below according to the operating temperature.



ELECTRICAL REQUIREMENTS

Part Number	Impedance (Ω) at 100 MHz	R _{DC} (Ω) Max.	Rated Current (mA) Max.	Operating Temp. Range ($^{\circ}$ C)
MLB-3216-0030M4-N2	30 \pm 25%	0.4	350	-55 ~ +125
MLB-3216-0060M4-N2	60 \pm 25%		250	
MLB-3216-0120M4-N2	120 \pm 25%	0.8	150	
MLB-3216-0240M4-N2	240 \pm 25%			
MLB-3216-0300M4-N2	300 \pm 25%			
MLB-3216-0470M4-N2	470 \pm 25%	1.0		
MLB-3216-0600M4-N2	600 \pm 25%	1.5	100	
MLB-3216-1000M4-N2	1000 \pm 25%	1.7	50	

- Temperature rise should be less than 40 $^{\circ}$ C for P-type and less than 25 $^{\circ}$ C for other types when rated current is applied.

MEASURING METHOD / CONDITION

- Test Instrument:

Z: Agilent 4291B Impedance Analyzer, Test Fixture: Agilent 16192
Osc. Level: 500mV

R_{DC}: Agilent 34401A

- Test Condition:

< Unless otherwise specified >

Temperature: 15 $^{\circ}$ C to 35 $^{\circ}$ C Humidity: 25% to 85% RH

< In case of doubt >

Temperature: 25 $^{\circ}$ C \pm 2 $^{\circ}$ C Humidity: 60% to 70% RH

TYPICAL ELECTRICAL CHARACTERISTICS (T=25°C)

