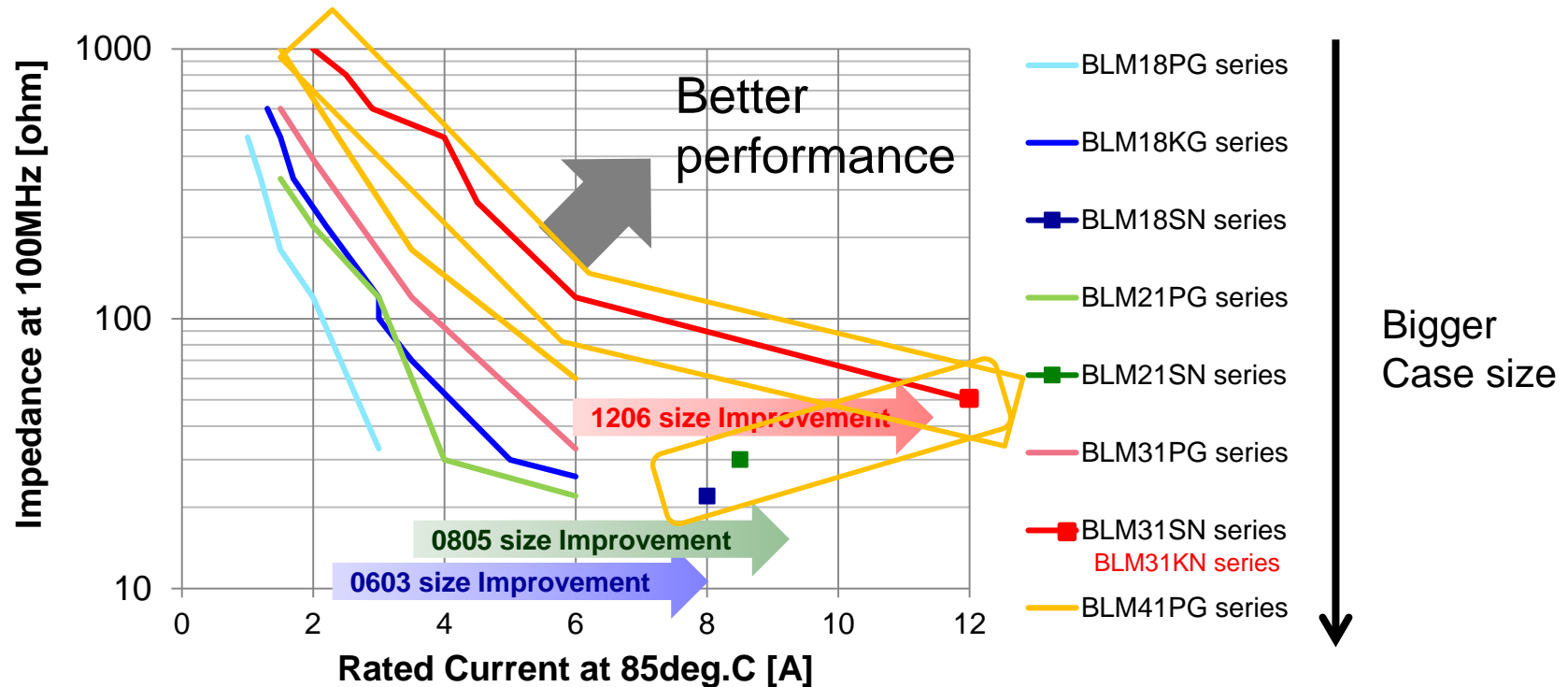


# KEY new product

Rated Current vs. Impedance of each case size (just reference):

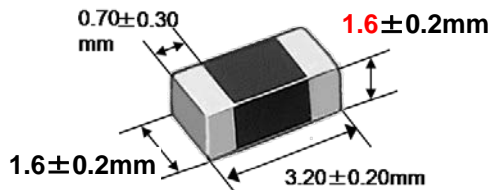


Cover area is extended by new products with higher rated current and higher Z value

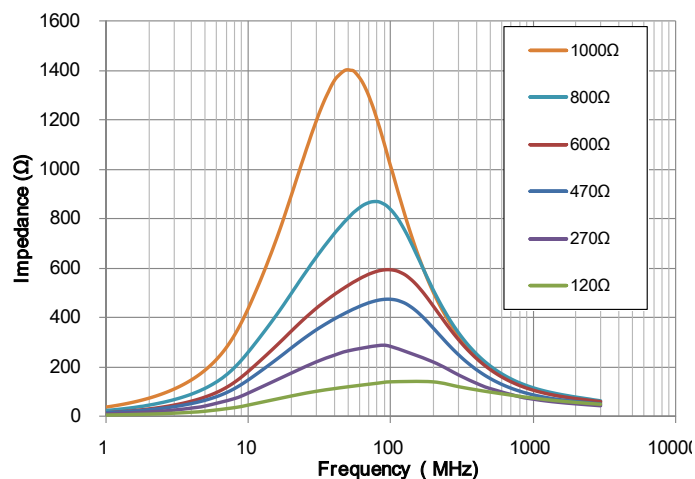
# KEY new product

**New**

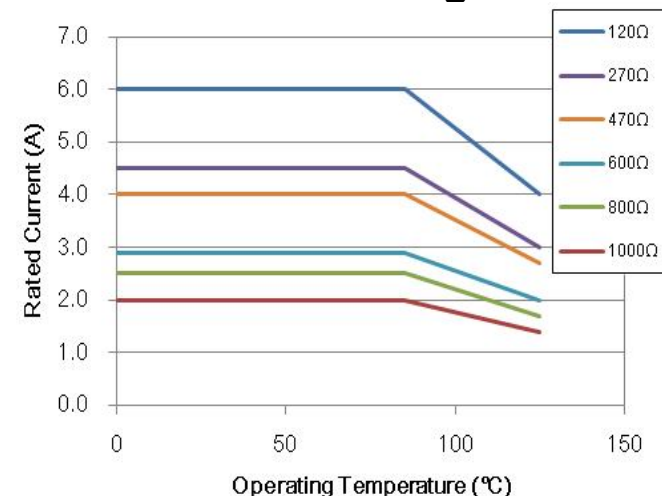
## ■Dimensions



## ■Impedance Characteristics



## ■Current De-rating Curve



## ■Specifications

Part Number (Tentative)	Impedance ( $\Omega$ at 100MHz)	DCR typ. ( $\Omega$ )	Rated Current (A)	
			up to 85°C	at 125°C
BLM31KN121SN1	120	0.007	<b>6.0</b>	<b>4.0</b>
BLM31KN271SN1	270	0.012	<b>4.5</b>	<b>3.0</b>
BLM31KN471SN1	470	0.015	<b>4.0</b>	<b>2.7</b>
BLM31KN601SN1	600	0.030	<b>2.9</b>	<b>2.0</b>
BLM31KN801SN1	800	0.040	<b>2.5</b>	<b>1.7</b>
BLM31KN102SN1	1000	0.060	<b>2.0</b>	<b>1.4</b>

Operating temperature range: -55 ~ +125°C (excluding self-temperature rise)

# Ferrite beads impedance characteristics

