

Metal Wire-wound Chip Power Inductors (MCOIL™, MB series)

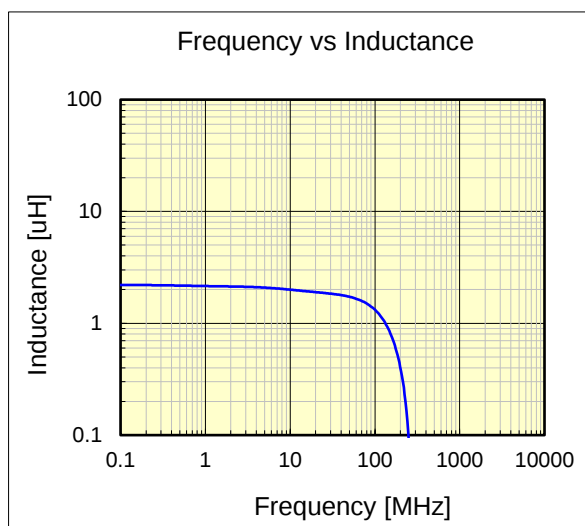
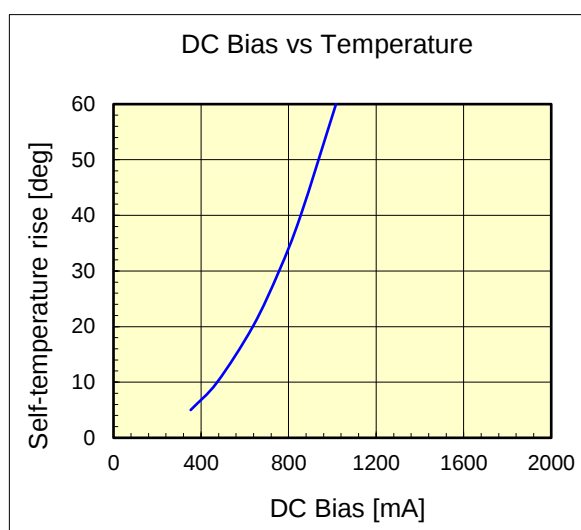
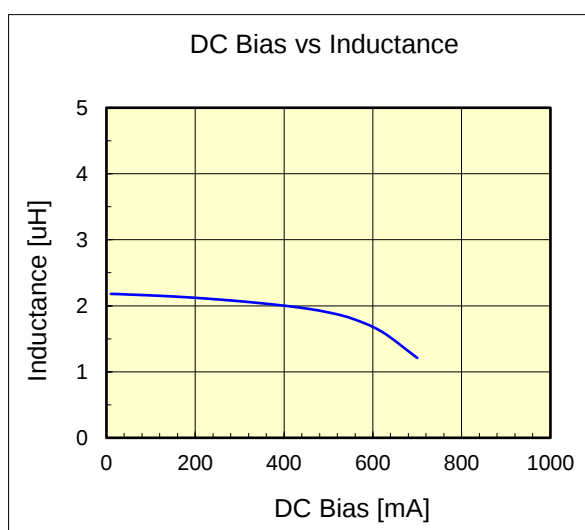
MCOIL™

MBKK1608T2R2M



Dimension	unit : mm	unit : inch
Length :	1.6 + / - 0.2	(0.063 + / - 0.008)
Width :	0.8 + / - 0.2	(0.031 + / - 0.008)
Height :	1.0 max.	(0.039 max.)

Inductance :	2.2	uH	(test freq at 1MHz)
DC Resistance :	0.3 / 0.345	ohm (typ / max)	
Saturation Current :	580 / 520	mA (typ / max)	
Temp. rise Current :	850 / 750	mA (typ / max)	
Saturation current typical : 30% reduction from initial L value.			
Temp rise Current typical : Temperature will rise by 40 deg C			



The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.