MI Series
SMD Multilayer Inductor
Size 0603

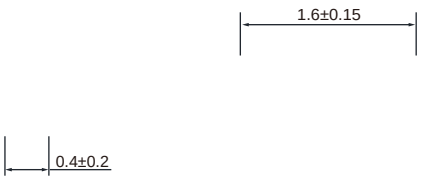
CHARACTERISTICS

- " lithic structure with mul layer
- Wide in ance range
- Small size and low pr Ô M vailable
- Quan ty: 4000pcs

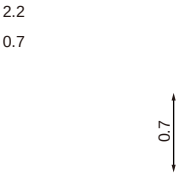
APPLICATION

- " Ô suppressi Ô
- Filters

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

Part No	Inductance	Tolerance	Q Min.	Test Frequency	S.R.F Min.	R_{DC} Max.	I_R Max.
MI0603-47M	0.047	20%	10	50	260	0.3	50
MI0603-68M	0.068	20%	10	50	250	0.3	50
MI0603-82M	0.082	20%	10	50	245	0.3	50
MI0603-R10K	0.10	10%			240	0.5	50
MI0603-R12K	0.12	10%			205	0.5	50
MI0603-R15K	0.15	10%			180	0.6	50
MI0603-R18K	0.18	10%			165	0.6	50
MI0603-R22K	0.22	10%			150	0.8	50
MI0603-R27K	0.27	10%			136	0.8	50
MI0603-R33K	0.33	10%				0.85	
MI0603-R39K	0.39	10%			110	1.0	
MI0603-R47K	0.47	10%			105	1.35	
MI0603-R56K	0.56	10%				1.55	
MI0603-R68K	0.68	10%			90	1.7	
MI0603-R82K	0.82	10%			85	2.1	
MI0603-1R0K	1.0	10%		10	75	0.6	

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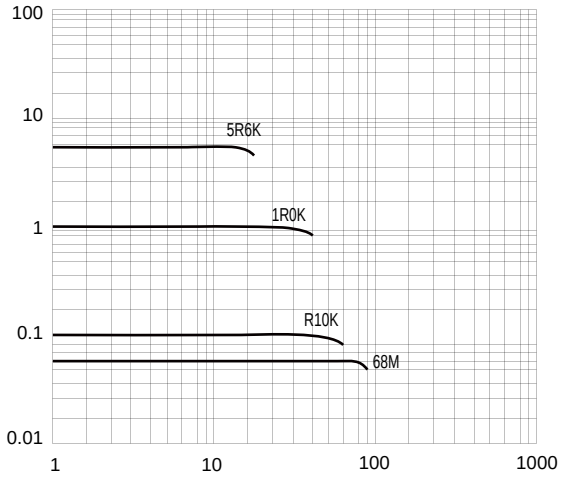
4546 BATES DRIVE, YORBLINDA CA 92886 USA
714-325-4789 Contact@kohergroup.com

Part No	Inductance	Tolerance	Q Min.	Test Frequency	S.R.F Min.	R_{DC} Max.	I_R Max.
MI0603-1R2K	1.2	10%		10	65	0.8	
MI0603-1R5K	1.5	10%		10	60	0.8	
MI0603-1R8K	1.8	10%		10		0.95	
MI0603-2R2K	2.2	10%		10	50	1.15	
MI0603-2R7K	2.7	10%		10	45	1.35	
MI0603-3R3K	3.3	10%		10	40	1.55	
MI0603-3R9K	3.9	10%		10		1.7	
MI0603-4R7K	4.7	10%		10		2.1	
MI0603-5R6K	5.6	10%		4		1.55	5.0
MI0603-6R8K	6.8	10%		4	20	1.7	5.0
MI0603-8R2K	8.2	10%		4	18	2.1	5.0
MI0603-100K	10	10%	30	2	17	1.85	3.0
MI0603-120K		10%	30	2		2.1	3.0
MI0603-150K		10%	20	1	14	1.7	1.0
MI0603-180K	18	10%		1		2.0	1.0
MI0603-220K		10%		1		2.1	1.0

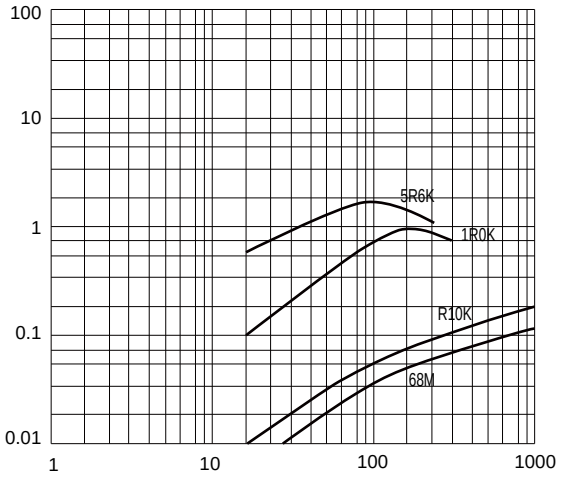
Opera ng Temperature: -55℃ ~ +125℃

Typical Electrical Characteristics:

Inductance VS. DC Current Charcteristics:



Impedance VS. Frequency Charcteristics:



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