RoHS Compliant

Lead Free

mägno Teknik

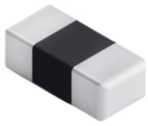
MTFMC0603 Series
SMD Multilayer Inductors for Noise Filtering - 0603 Size

Webpage | Sample kit | Buy Online | Support | Tools

Features

- For noise attenuation
- Suitable for re-flow soldering
- High mounting density of compact circuit due to crosstalk elimination that results from a closed magnetic flux in a ferrite material
- Operating temperature: –25 ºC to +125 ºC

Product Image

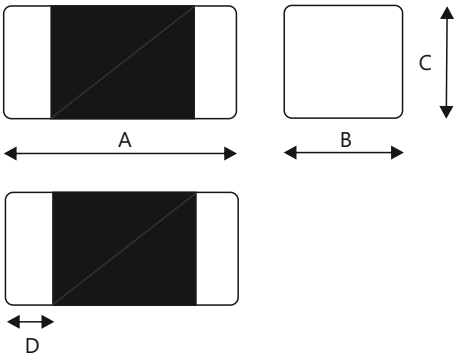


*Displayed image is only for reference purpose, original product may vary.

Applications

- IOT
- HDD
- Data Lines
- CLC Filters
- Sensors Lines
- Power Line Filtering

Dimensions



A (mm)	B (mm)	C (mm)	D (mm)
1.60 ± 0.15	0.80 ± 0.15	0.80 ± 0.15	0.30 ± 0.20

Electrical Specifications

Part Number	Inductance, L (uH)	Test Frequency (MHz)	Q (Min.)	SRF (MHz)	DCR (Ω) Max.	Rated Current (mA)
MTFMC0603R10	0.10	25	15	240	0.50	50
MTFMC0603R12	0.12	25	15	205	0.50	50
MTFMC0603R15	0.15	25	15	180	0.60	50
MTFMC0603R18	0.18	25	15	165	0.60	50
MTFMC0603R22	0.22	25	15	150	0.80	50
MTFMC0603R27	0.27	25	15	136	0.80	50
MTFMC0603R33	0.33	25	15	125	0.85	35
MTFMC0603R39	0.39	25	15	110	1.00	35
MTFMC0603R47	0.47	25	15	105	1.35	35
MTFMC0603R56	0.56	25	15	95	1.55	35
MTFMC0603R68	0.68	25	15	80	1.70	35
MTFMC0603R82	0.82	25	15	75	2.10	35
MTFMC06031R0	1.0	10	35	70	0.60	25
MTFMC06031R2	1.2	10	35	60	0.80	25
MTFMC06031R5	1.5	10	35	55	0.80	25
MTFMC06031R8	1.8	10	35	50	0.95	25
MTFMC06032R2	2.2	10	35	45	1.15	15
MTFMC06032R7	2.7	10	35	40	1.35	15
MTFMC06033R3	3.3	10	35	38	1.55	15
MTFMC06033R9	3.9	10	35	36	1.70	15
MTFMC06034R7	4.7	10	35	33	2.10	15
MTFMC06035R6	5.6	4	35	22	1.55	5
MTFMC06036R8	6.8	4	35	20	1.70	5
MTFMC06038R2	8.2	4	35	18	2.10	5
MTFMC0603100	10	2	35	17	2.55	5
MTFMC0603120	12	2	35	15	2.75	5
MTFMC0603150	15	1	35	14	1.70	1

NOTE:
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