

ML2520K SERIES – Multilayer Chip Power Inductors

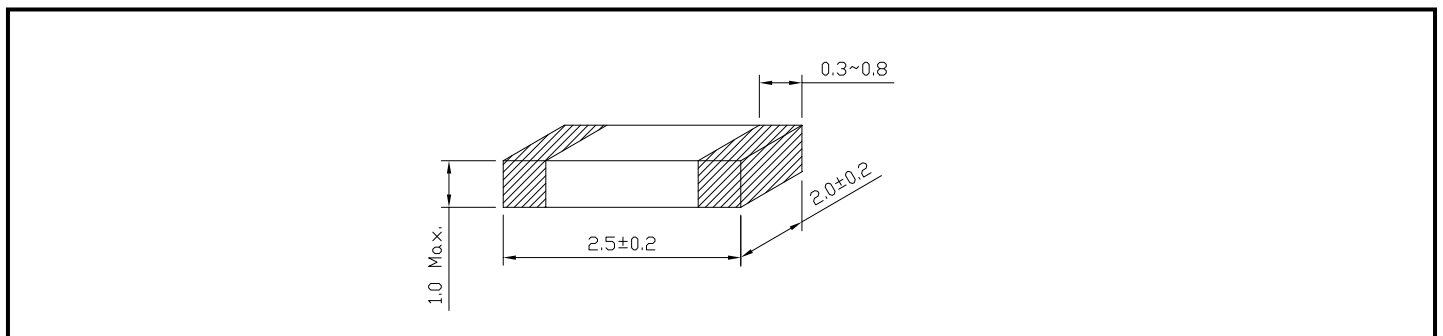


PART NUMBERING SYSTEM

<u>ML</u>	<u>2520K</u>	—	<u>1 R 0 K</u>	—	<u>LF</u>
TYPE	DIMENSIONS		INDUCTANCE		LEAD FREE

SHAPES AND DIMENSIONS

UNIT : mm



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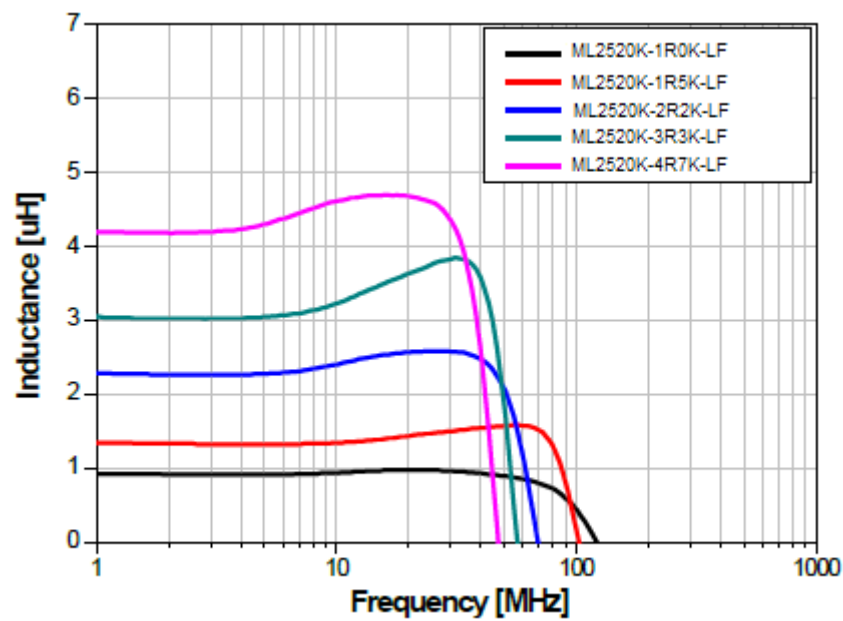
SPECIFICATION TABLE

PART NUMBER	INDUCTANCE (μ H)	Q. MIN.	L, Q TEST FREQUENCY (MHz)	DCR (Ω) (max)	Rated Current (mA)
ML2520K-1R0K-LF	1.0 $\pm$ 20%	20	25	98	1300
ML2520K-1R5K-LF	1.5 $\pm$ 20%	20	25	110	1100
ML2520K-2R2K-LF	2.2 $\pm$ 20%	20	25	130	1000
ML2520K-3R3K-LF	3.3 $\pm$ 20%	20	25	170	900
ML2520K-4R7K-LF	4.7 $\pm$ 20%	20	25	245	800

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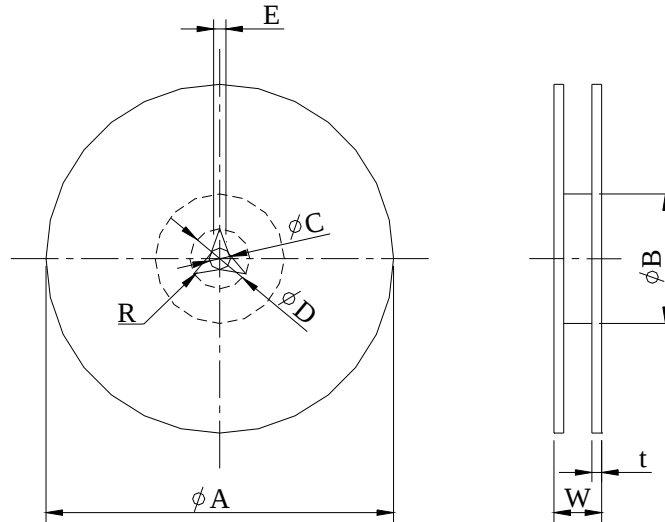
L vs Frequency



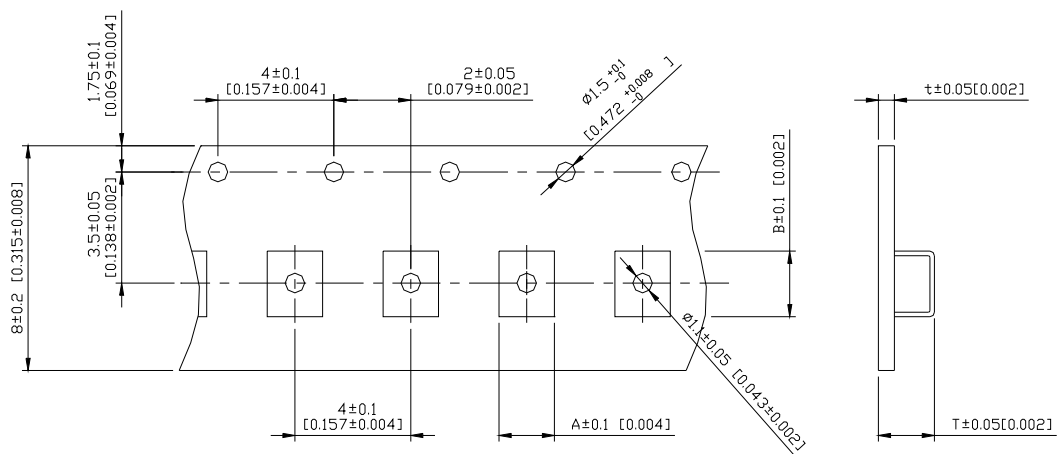
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PACKAGING SPECIFICATION



	A	B	C	D	E	W8	W12	t	R
T(ϕ 178mm) Reel	ϕ 178 $\pm$ 2	ϕ 60 $\pm$ 1	ϕ 13 $\pm$ 0.8	ϕ 21 $\pm$ 0.8	2	10 $\pm$ 1.5	14.5 $\pm$ 1.5	1.27 $\pm$ 0.2	1
T(ϕ 330mm) Reel	ϕ 330 $\pm$ 2	ϕ 100 $\pm$ 2	ϕ 13 $\pm$ 0.8	ϕ 21 $\pm$ 0.8	2	10 $\pm$ 1.5	14.5 $\pm$ 1.5	1.27 $\pm$ 0.2	1



TYPE	A	B	T	t	T(ϕ 178mm)	T(ϕ 330mm)
ML2012K	1.55	2.30	1.20	0.2	3000 pcs/reel	-