

◆ Feature

- 1.The monolithic construction performs high reliability and ensures a closed magnetic flux in a component avoids magnetic leakage and interference
- 2.Allow for higher mounting density
- 3.Low DC resistance

RoHS



◆ Application

Suitable for DVD, DSC, PND, PC, NB, Power Line.

◆ How to Order

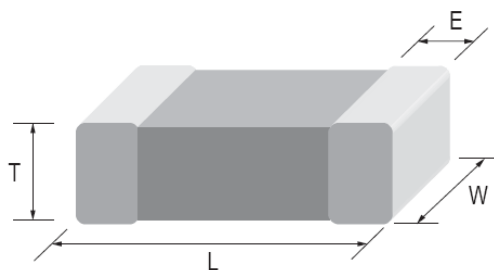
MIP 2520 1R0 M B E
 (1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Chip Size(mm): Length x Width
- (3) Inductance(μH): R means decimal point
Ex.: $1.0\mu\text{H} \rightarrow 1R0$
- (4) Tolerance: M= $\pm 20\%$
- (5) Soldering: Green Parts: B- Lead-Free for whole chip
- (6) Packaging: E- Embossed plastic tape, 7" reel

◆ Dimension

Unit: mm

Size(EIA)	2520 (1008)
L	2.5 ± 0.30
W	2.0 ± 0.30
T	0.9 ± 0.10
E	0.5 ± 0.30



◆ Specification

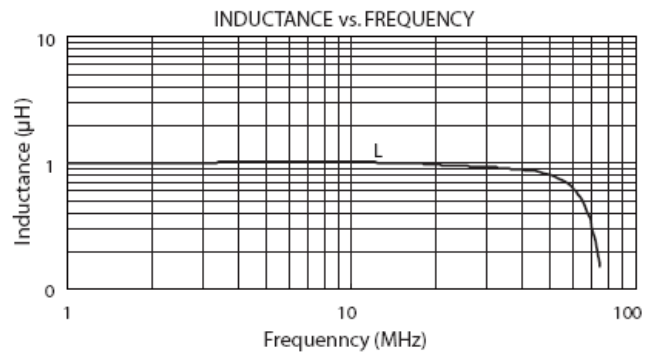
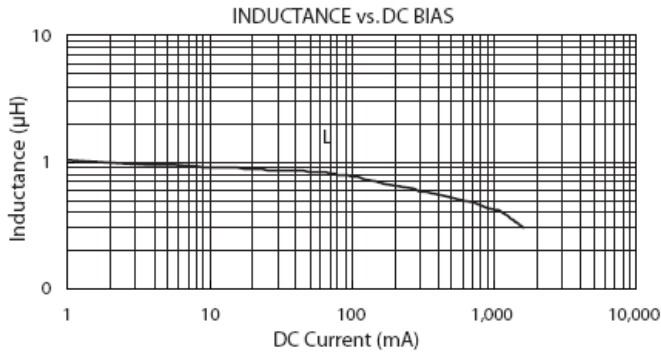
Part Number	Inductance(μH)	Test Freq (MHz)	S.R.F (MHz) Min.	DCR Max. (Ω)	Rated Current (mA)
MIP 2520 (EIA 1008)					
MIP25201R0MBE	1.0	1	60	0.055	1600
MIP25201R5MBE	1.5	1	50	0.070	1500
MIP25202R2MBE	2.2	1	40	0.08	1300
MIP25203R3MBE	3.3	1	30	0.10	1200
MIP25204R7MBE	4.7	1	25	0.11	1100

◆ General Technical Data

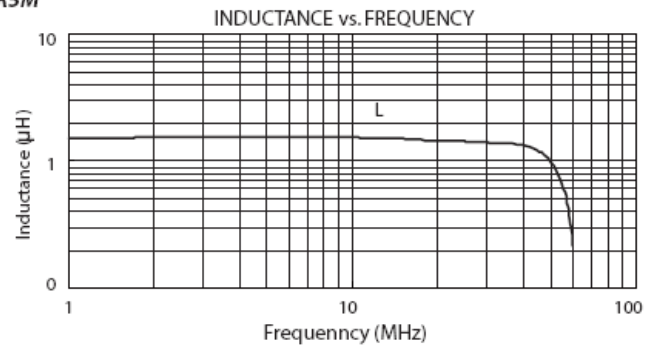
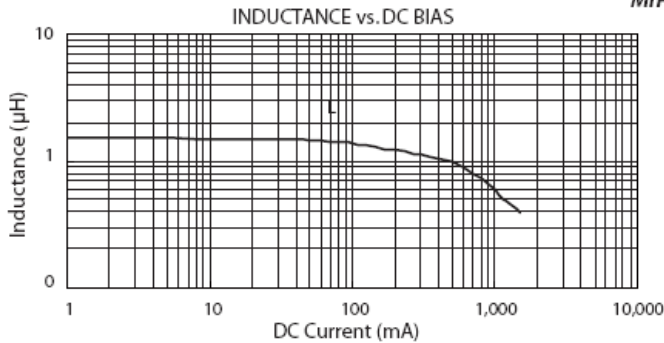
Operating Temperature Range	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Storage Condition	Less than 40°C and 70% RH
Soldering Method	Reflow or Wave Soldering

◆ Characteristics

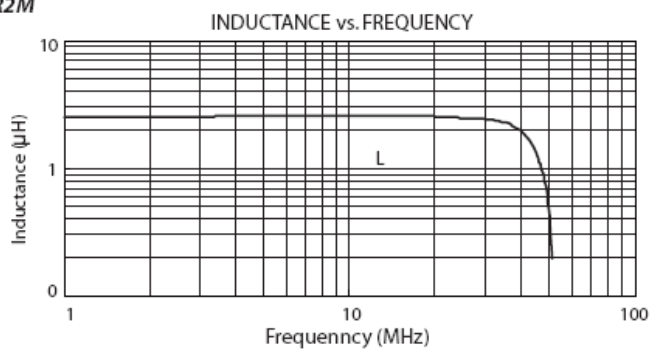
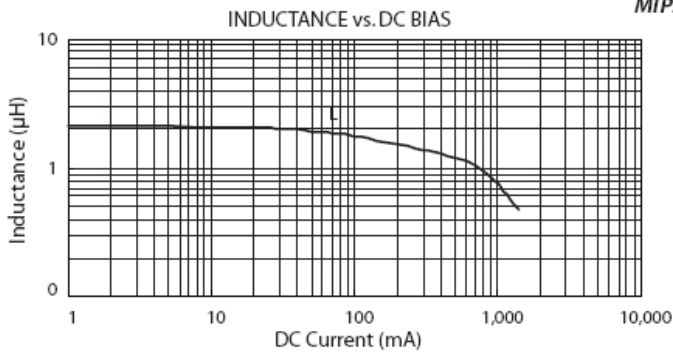
MIP25201R0M



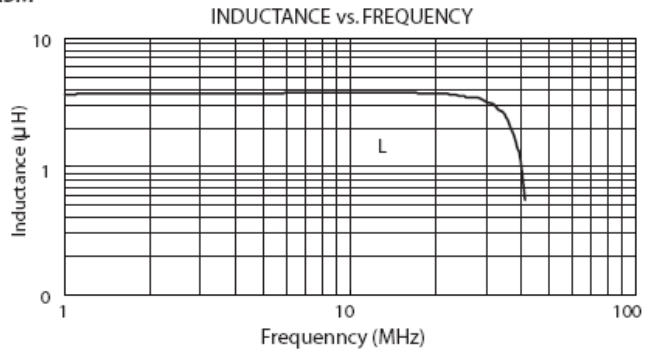
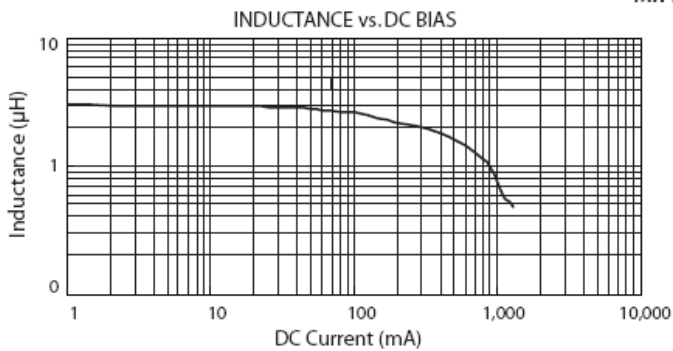
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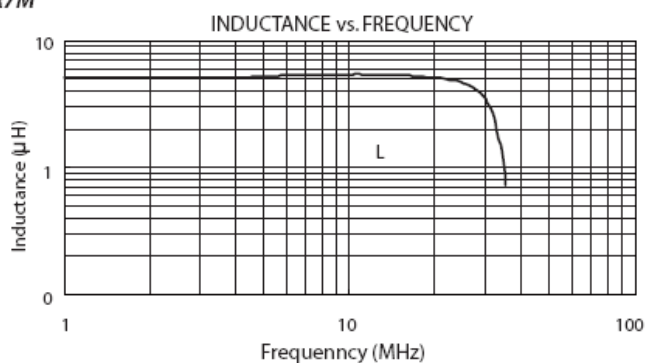
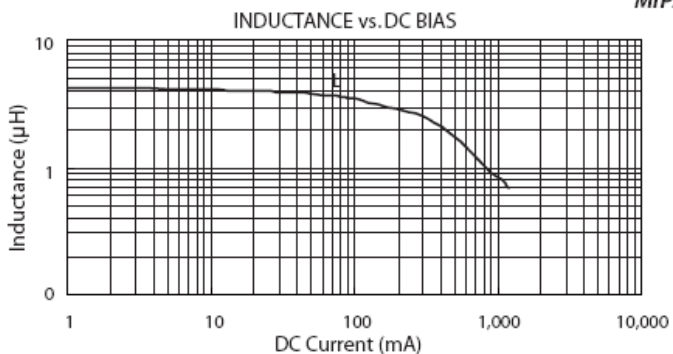
MIP25202R2M



MIP25203R3M



MIP25204R7M



◆ Package

Size (EIA)	2520 (1008)
Standard Packing Quantity (pcs / reel)	3,000