

### ◆ 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

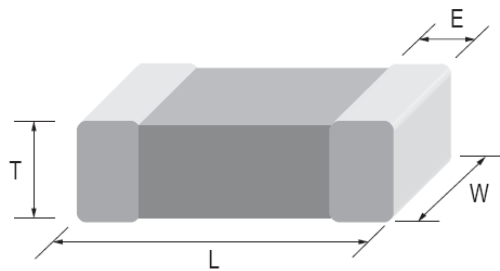
MIP 2520 1R0 M B E  
 (1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Chip Size(mm): Length x Width
- (3) Inductance( $\mu$ H): R means decimal point  
Ex.: 1.0 $\mu$ 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 $\pm$ 0.30
W	2.0 $\pm$ 0.30
T	0.9 $\pm$ 0.10
E	0.5 $\pm$ 0.30



### ◆ Specification

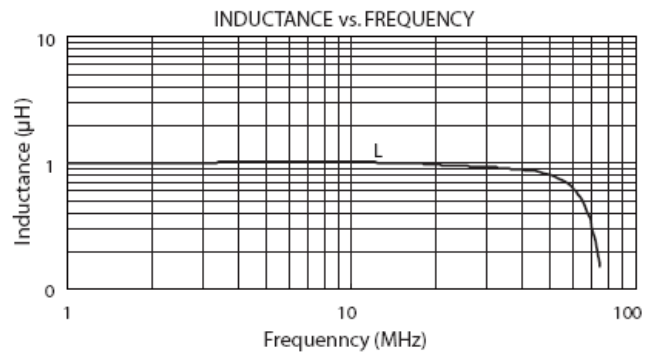
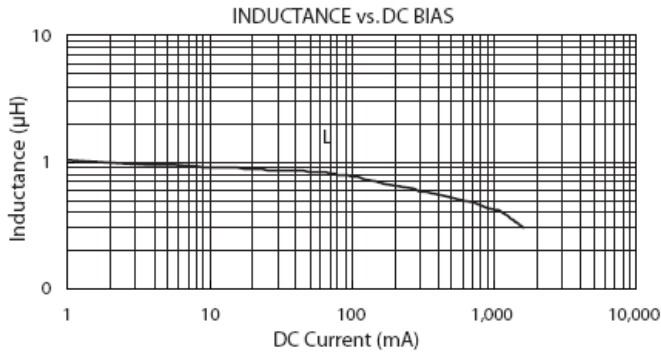
Part Number	Inductance( $\mu$ H)	Test Freq (MHz)	S.R.F (MHz) Min.	DCR +/-25% ( $\Omega$ )	Rated Current (mA)
<b>MIP 2520 (EIA 1008)</b>					
MIP25201R0MBE	1.0	1	60	0.055	1600
MIP25201R5MBE	1.5	1	50	0.070	1500
MIP25202R2MBE	2.2	1	40	0.08	1300
MIP25203R3MBE	3.3	1	30	0.10	1200
MIP25204R7MBE	4.7	1	25	0.11	1100

### ◆ General Technical Data

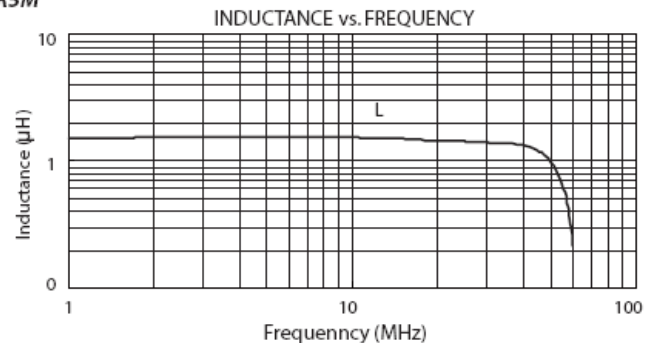
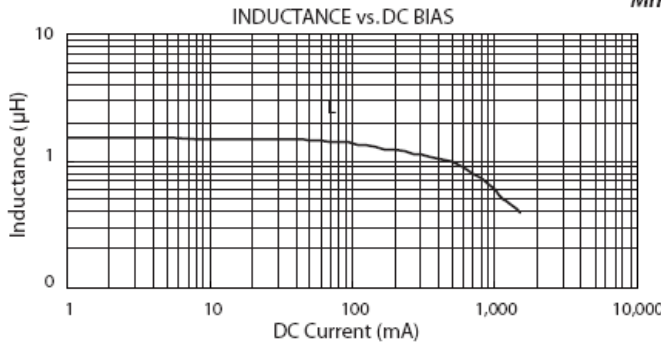
Operating Temperature Range	-40 $^{\circ}$ C ~ +85 $^{\circ}$ C
Storage Condition	Less than 40 $^{\circ}$ C and 70% RH
Soldering Method	Reflow or Wave Soldering

◆ Characteristics

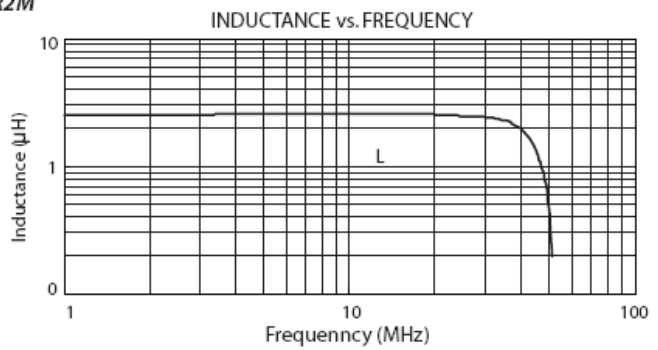
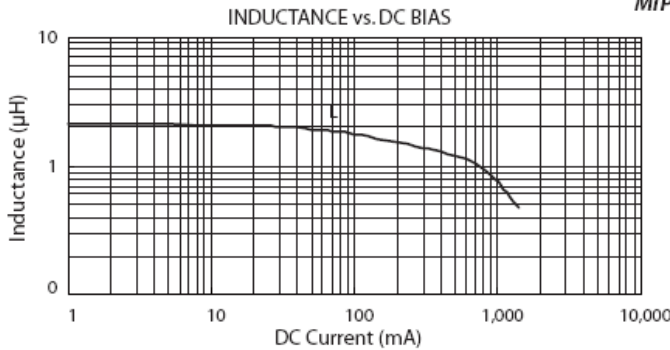
MIP25201R0M



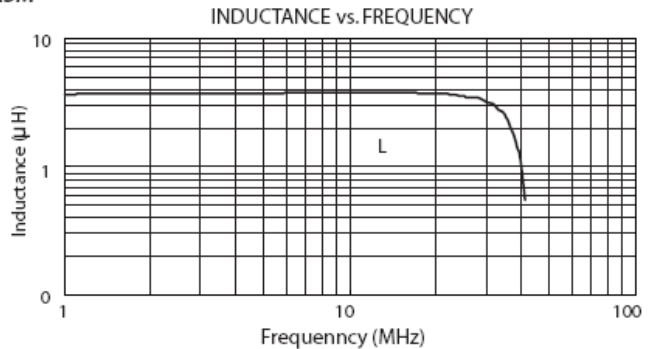
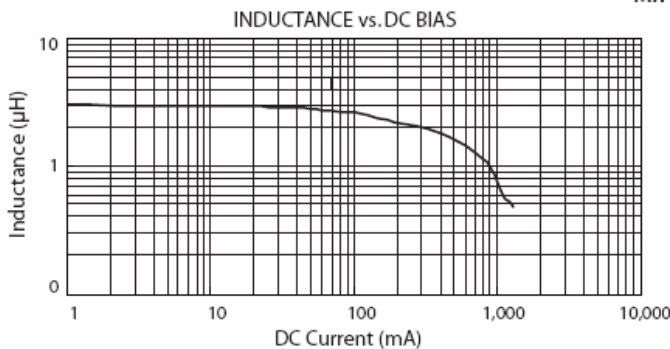
MIP25201R5M



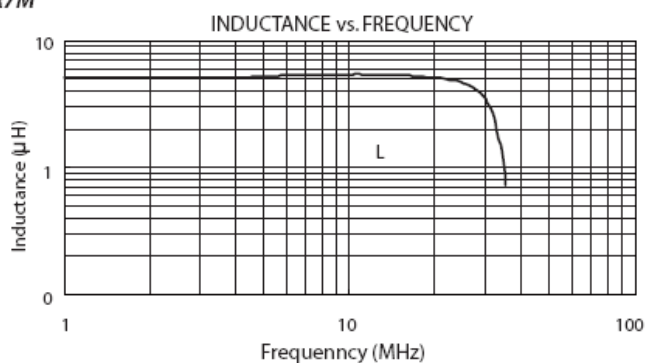
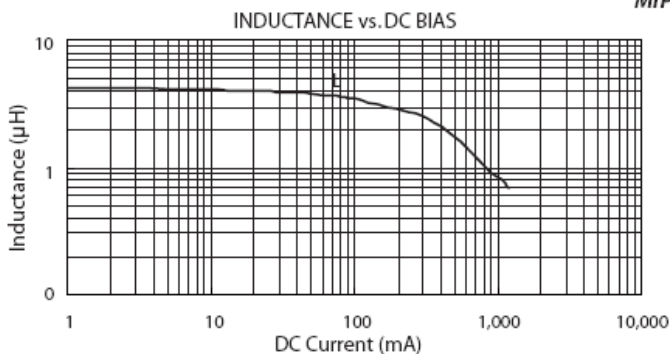
MIP25202R2M



MIP25203R3M



MIP25204R7M



## ◆ Package

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