

### Features

1. Effective for suppressing noise in high speed signal lines.
2. Terminal electrode has excellent solder heat resistance.
3. Lead Free (RoHS compliance).

### Applications

1. High resolution video signal lines.
2. EMI countermeasure for clock signal lines.
3. RF module of telecommunication products.

### Ordering Information

**SLC** - **2012** - **300** - **J** **T**  
 (1) (2) (3) (4) (5)

#### (1) Series

SLC : Chip LC filter

#### (2) Dimensions

First two digits : length(mm)  
 Last two digits : width(mm)

#### (3) Cut-off frequency

First two digits are frequency value.  
 Last digit is the number of zeros.

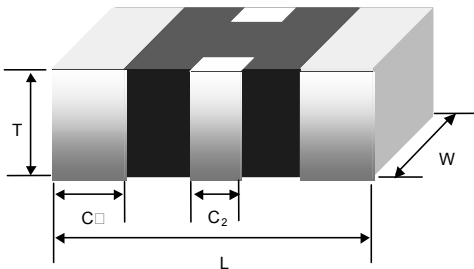
#### (4) Termination

J : Nickel barrier

#### (5) Packaging

B : Bulk package  
 T : Tape & Reel (Φ178mm [ 7 inches ])  
 L : Tape & Reel (Φ254mm [ 10 inches ])

### Shape and Dimensions



unit : mm(inches)

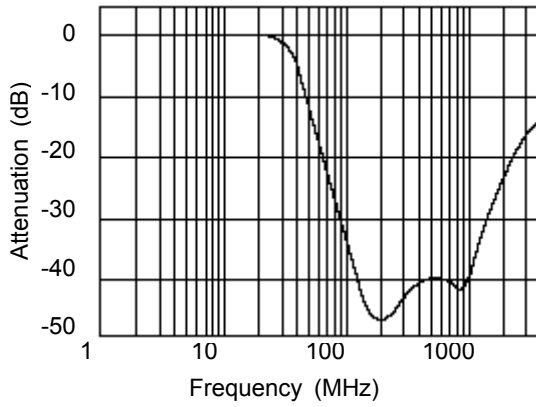
Type	L	W	T	C1	C2
SLC-2012-	2.0±0.2 [.079±.008]	1.25±0.2 [.049±.008]	0.8±0.2 [.031±.008]	0.3±0.2 [.012±.008]	0.4±0.2 [.016±.008]

### Electrical Parameters

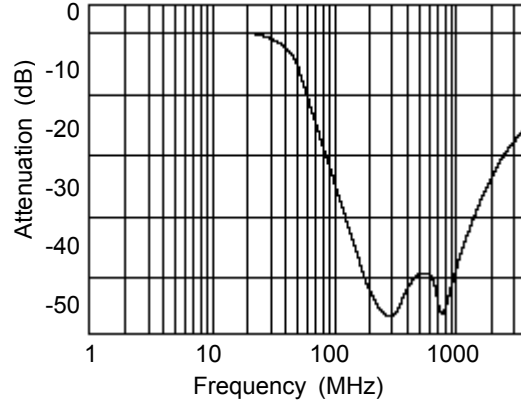
Part No.	Cut-off Frequency	20dB Attenuation Frequency range	DC Resistance	Rated Current	Rated Voltage
SLC-2012-250□□	25MHz	65~2500MHz	800 mΩ Max.	300 mA max.	10 Vdc max.
SLC-2012-300□□	30MHz	65~2500MHz			
SLC-2012-500□□	50MHz	90~2500MHz			
SLC-2012-101□□	100MHz	210~2500MHz			
SLC-2012-151□□	150MHz	350~2500MHz			

### Electrical characteristic Curves

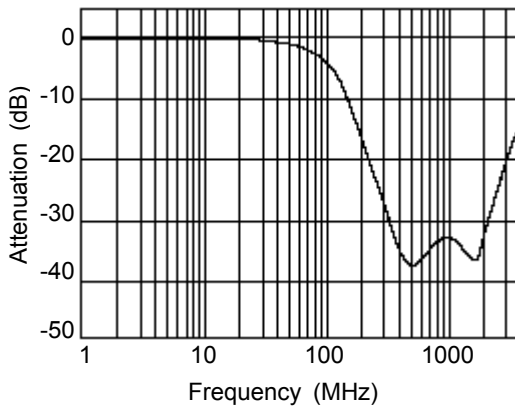
SLC-2012-300



SLC-2012-500



SLC-2012-101



SLC-2012-151

