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

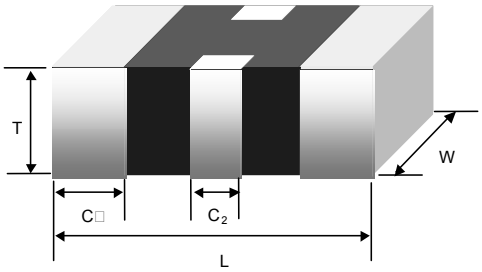
(2) Dimensions
First two digits : length(㎜)
Last two digits : width(㎜)

(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 (Φ178㎜ [7 inches])
L : Tape & Reel (Φ254㎜ [10 inches])

Shape and Dimensions



unit : mm(inches)

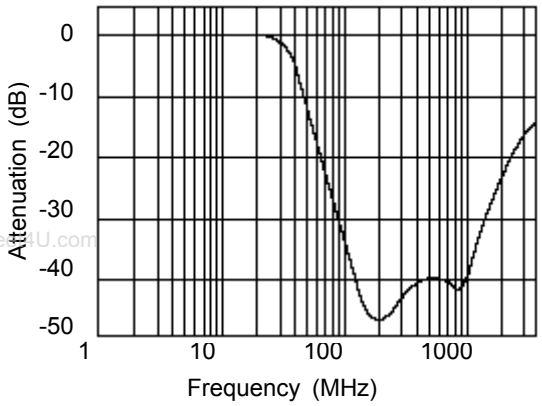
Type	L	W	T	C1	C2
SLC-2012-	2.0±0.2 〔.079±.008〕	1.25±0.2 〔.049±.008〕	0.8±0.2 〔.031±.008〕	0.3±0.2 [.012±.008]	0.4±0.2 [.016±.008]

Electrical Parameters

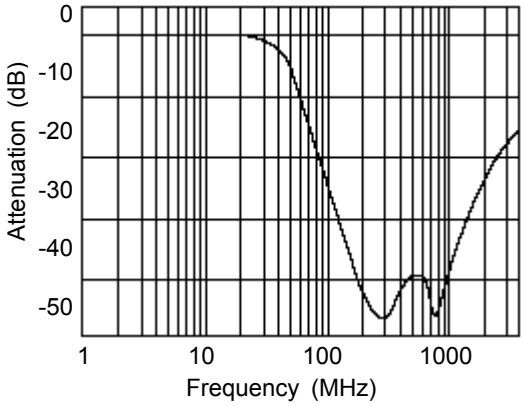
Part No.	Cut-off Frequency	20dB Attenuation Frequency range	DC Resistance	Rated Current	Rated Voltage
SLC-2012-250☐☐	25MHz	65~2500MHz	800 mΩ Max.	300 mA max.	10 Vdc max.
SLC-2012-300☐☐	30MHz	65~2500MHz			
SLC-2012-500☐☐	50MHz	90~2500MHz			
SLC-2012-101☐☐	100MHz	210~2500MHz			
SLC-2012-151☐☐	150MHz	350~2500MHz			

Electrical characteristic Curves

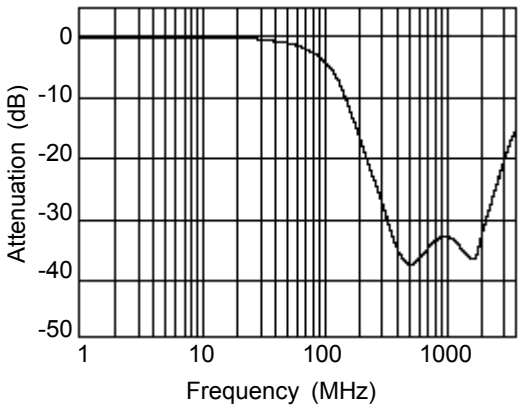
SLC-2012-300



SLC-2012-500



SLC-2012-101



SLC-2012-151