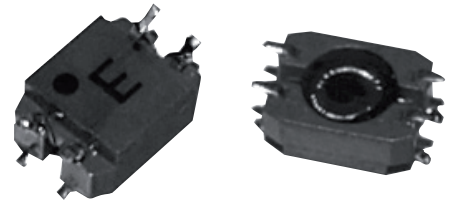


# Surface Mount Common Mode Chokes

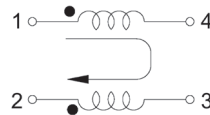
Model HM67 Series

## Features

- Operating Temperature Range -40°C to +125°C
- Temperature Rise, Maximum 40°C
- Dielectric Withstanding Voltage 300Vdc
- RoHS Compliant



## Schematics



## Specification

Part Number	Terminals	Common Mode Inductance @100 kHz - 0.1 V (1-4 or 2-3) $\mu$ H	Inductance Leakage @100 kHz - 0.1 Vrms (1-4) <sup>(1)</sup> Typ. $\mu$ H	Rated Current mA	DCR <sup>(2)</sup> Max $\Omega$	Marking Code
HM67-B5R0LF	1-4, 2-3	5.0 $\pm$ 30%	0.08	1000	0.12	A
HM67-B110LF	1-4, 2-3	11.0 $\pm$ 30%	0.10	500	0.15	B
HM67-S250LF	1-4, 2-3	25.0 $\pm$ 30%	1.60	500	0.18	C
HM67-B510LF	1-4, 2-3	51.0 $\pm$ 30%	1.90	500	0.10	D
HM67-S510LF	1-4, 2-3	51.0 $\pm$ 30%	2.80	500	0.25	E
HM67-B471LF	1-4, 2-3	470.0 $\pm$ 30%	0.80	500	0.28	F
HM67-B102 <sup>(3)</sup> LF	1-4, 2-3	1000.0 +50%,-30%	0.16	500	0.30	G
HM67-B222 <sup>(3)</sup> LF	1-4, 2-3	2200.0 +50%,-30%	0.16	400	0.42	H
HM67-B472 <sup>(3)</sup> LF	1-4, 2-3	4700.0 +50%,-30%	0.24	200	0.67	I

Notes: (1) Leakage inductance is measured with pin 2 & 3 shorted.  
 (2) DC resistance is measured at 25°C.  
 (3) Maximum operating temperature is +85°C.

## Packaging

Standard:	Embossed Tape and Reel		
	Diameter:		
	Reel:	Figure 1	= 13" (330.2mm)
		Capacity: Figure 1	= 400 Units

## General Note

TT Electronics reserves the right to make changes in product specification without notice or liability.  
 All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

Rev. 03 9.20

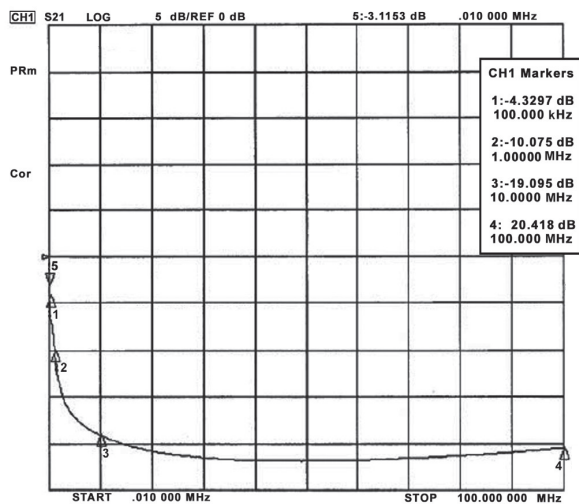
# Surface Mount Common Mode Chokes

Model HM67 Series

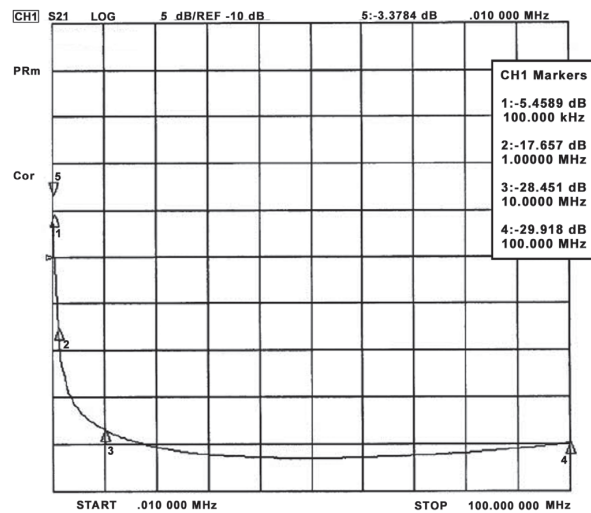
## Electrical Characteristics @ 25°C

(A) Attenuation vs. Frequency Graphs

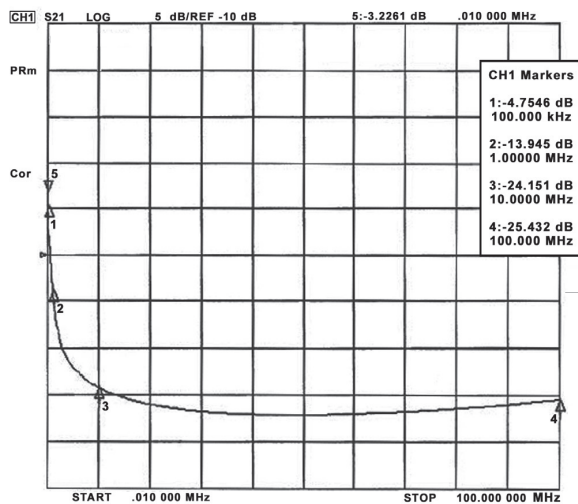
**HM67-B5R0LF**



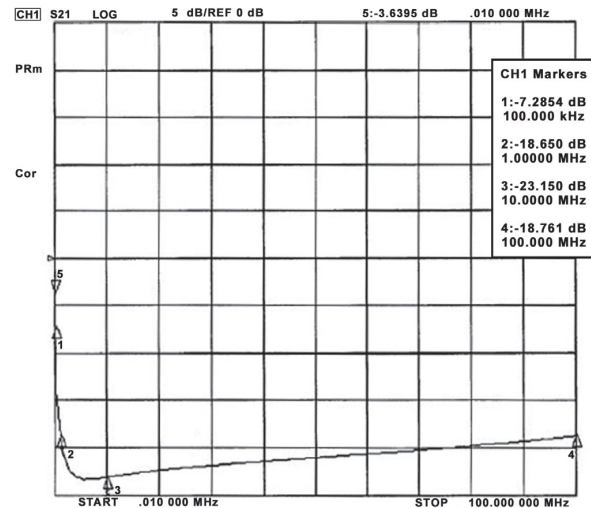
**HM67-S250LF**



**HM67-B110LF**



**HM67-B510LF**

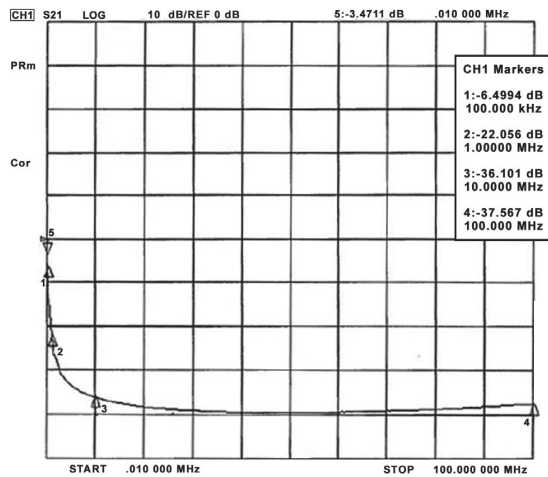


### General Note

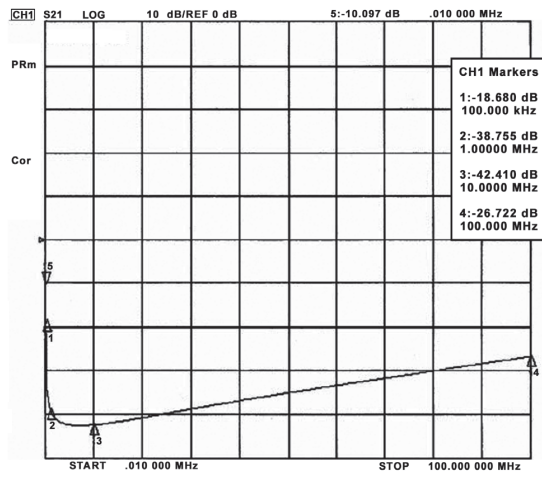
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### Electrical Characteristics @ 25°C (Continued)

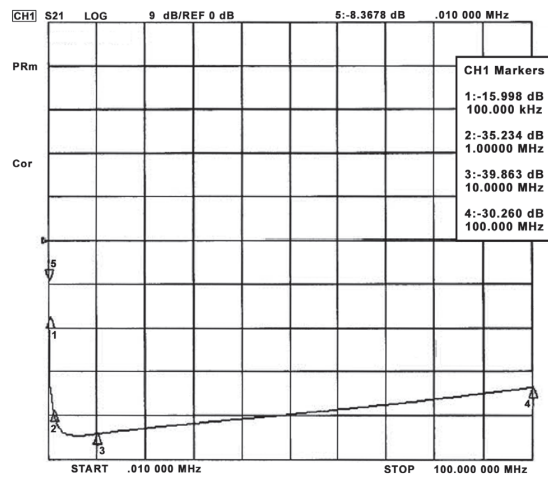
**HM67-S510LF**



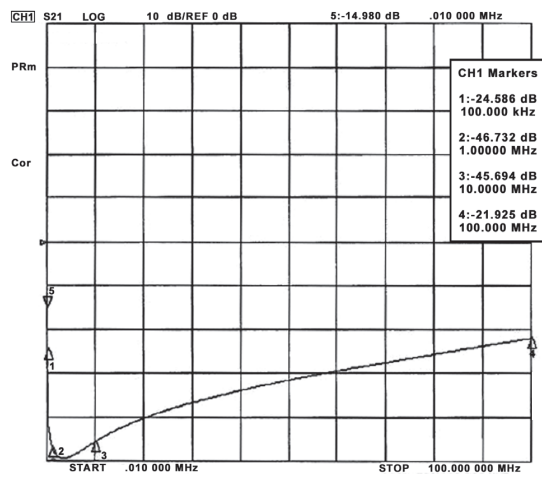
**HM67-B102LF**



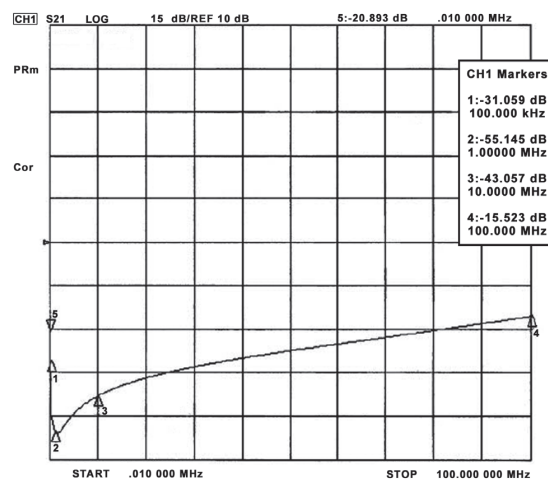
**HM67-B471LF**



**HM67-B222LF**



**HM67-B472LF**



#### General Note

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