



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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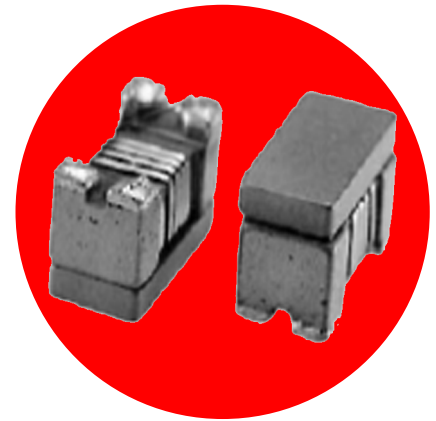


## Surface Mount Common Mode Chokes

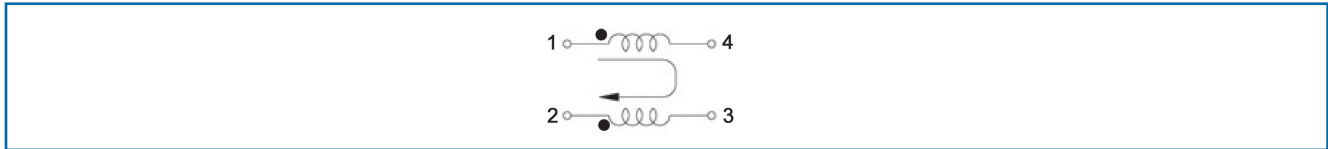
### Model HM67-3216 Series

#### Features

- Operating Temperature Range -40°C to +125°C
- Ambient Temperature, Maximum 85°C
- Temperature Rise, Maximum 40°C
- RoHS Compliant



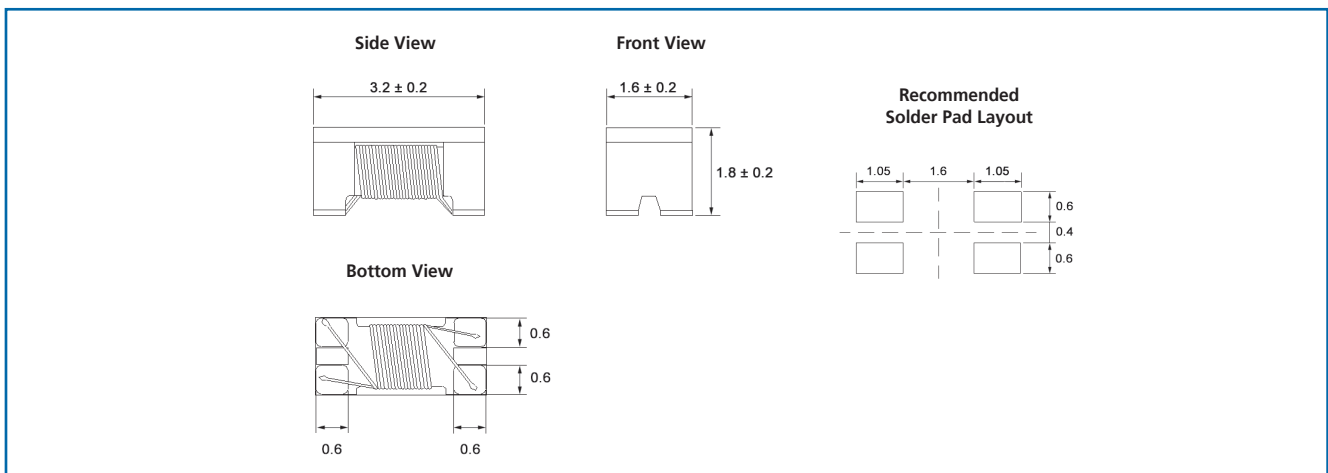
### Schematics



### Specifications @ 25°C

| Part Number     | Terminals | Common-Mode Impedance Z @ 100MHz $\Omega \pm 25\%$ | Rated Current mA | DCR Max $\Omega$ | Rated Voltage Vdc | Withstanding Voltage Vdc | Insulation resistance M $\Omega$ Min. |
|-----------------|-----------|--|------------------|------------------|-------------------|--------------------------|---------------------------------------|
| HM67-3216-900LF | 1-4, 2-3  | 90   | 370              | 0.30             | 50                | 125                      | 10                                    |
| HM67-3216-161LF | 1-4, 2-3  | 160  | 340              | 0.40             | 50                | 125                      | 10                                    |
| HM67-3216-261LF | 1-4, 2-3  | 260  | 310              | 0.50             | 50                | 125                      | 10                                    |
| HM67-3216-601LF | 1-4, 2-3  | 600  | 260              | 0.80             | 50                | 125                      | 10                                    |
| HM67-3216-102LF | 1-4, 2-3  | 1000   | 230              | 1.00             | 50                | 125                      | 10                                    |
| HM67-3216-222LF | 1-4, 2-3  | 2200   | 200              | 1.20             | 50                | 125                      | 10                                    |

### Outline Dimensions (mm)



### Packaging

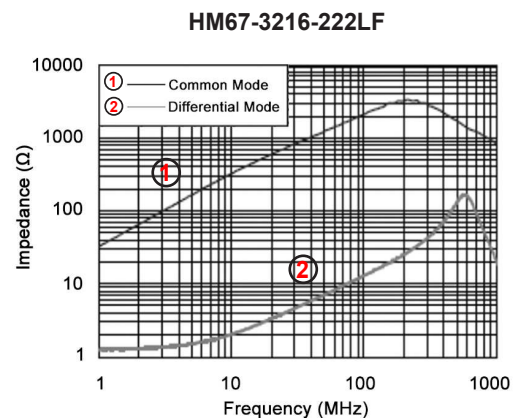
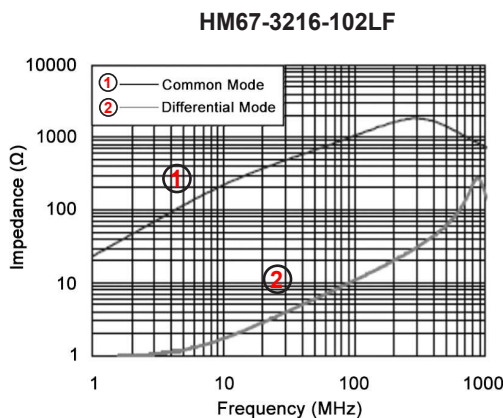
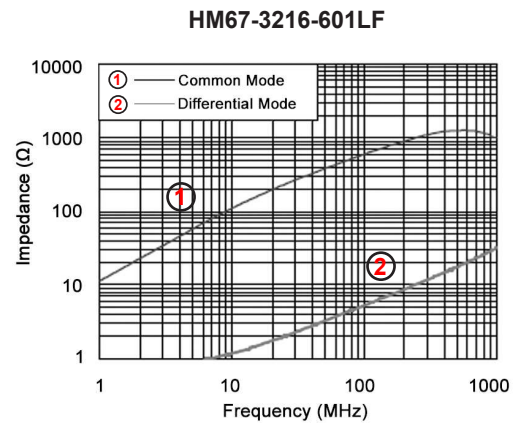
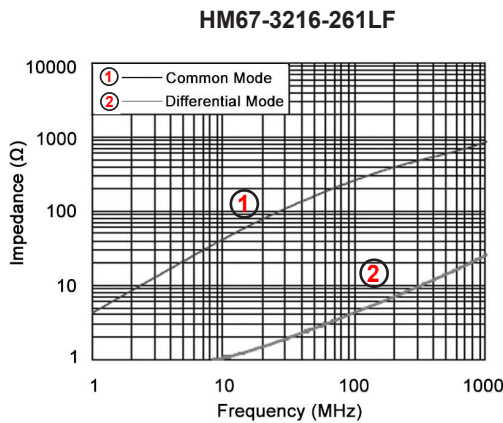
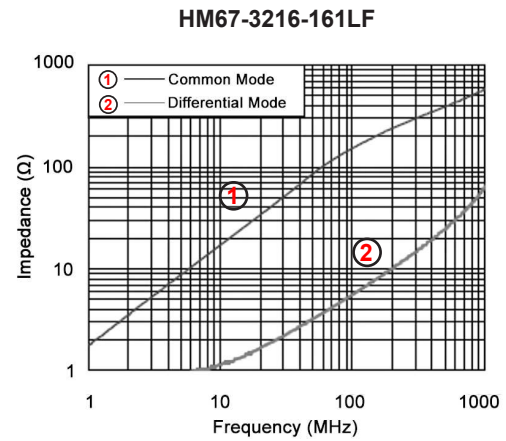
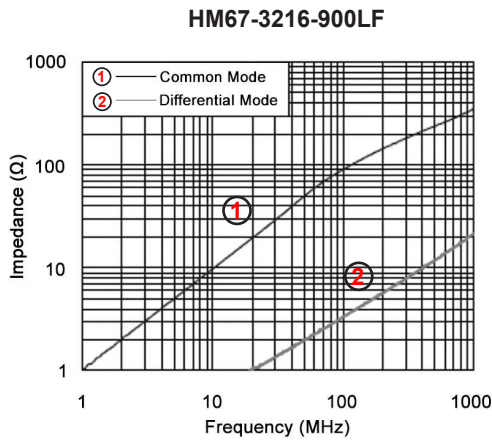
|           |                        |           |                     |                |
|-----------|------------------------|-----------|---------------------|----------------|
| Standard: | Embossed Tape and Reel |           |                     |                |
|           | Diameter:              | =         | 7" (177.8mm)        |                |
|           | Reel:                  | Capacity: | Reel Quantity       | = 2,000 Units  |
|           |                        |           | Carton Box Quantity | = 20,000 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.

Electrical Characteristics @ 25°C

(A) Impedance vs. Frequency Graphs

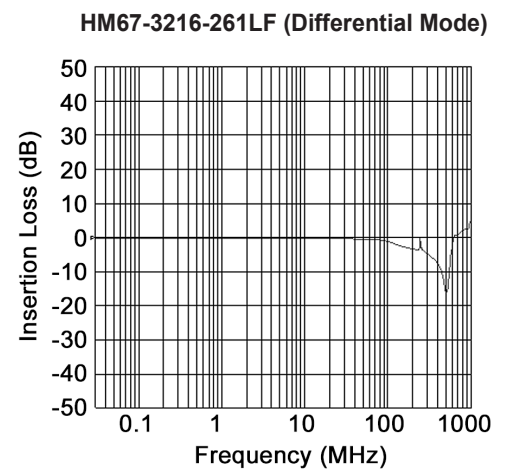
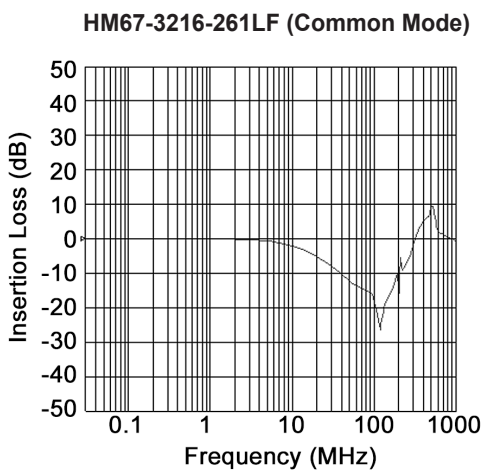
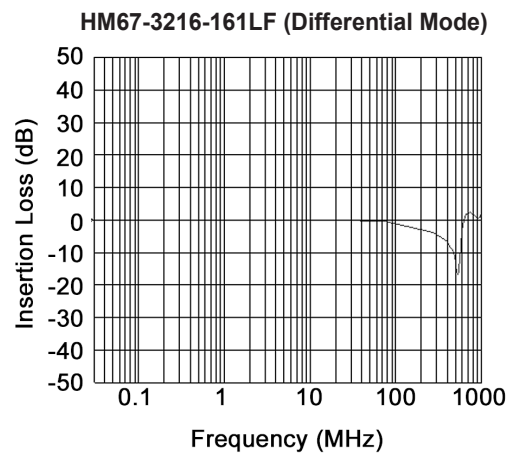
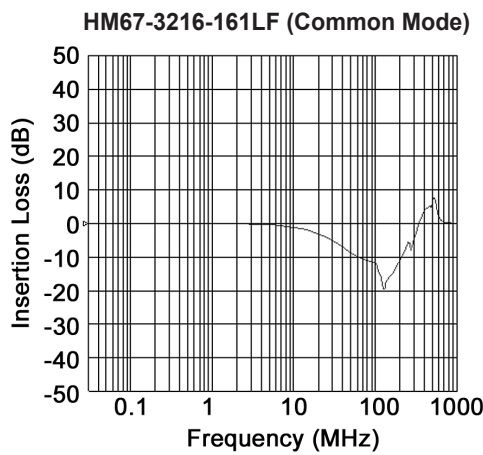
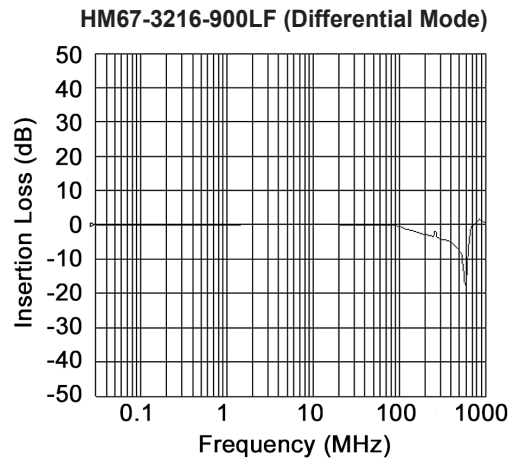
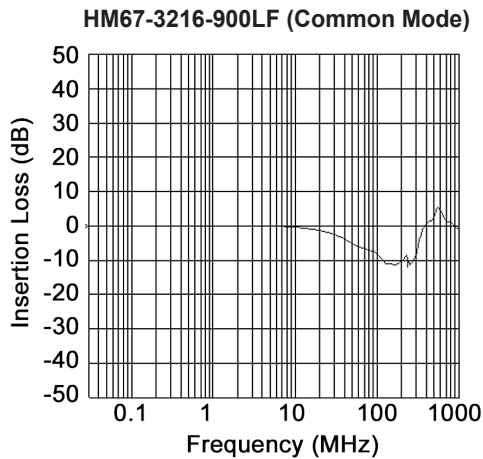


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## Electrical Characteristics @ 25°C (Cont'd)

(B) Insertion Loss vs. Frequency Graphs

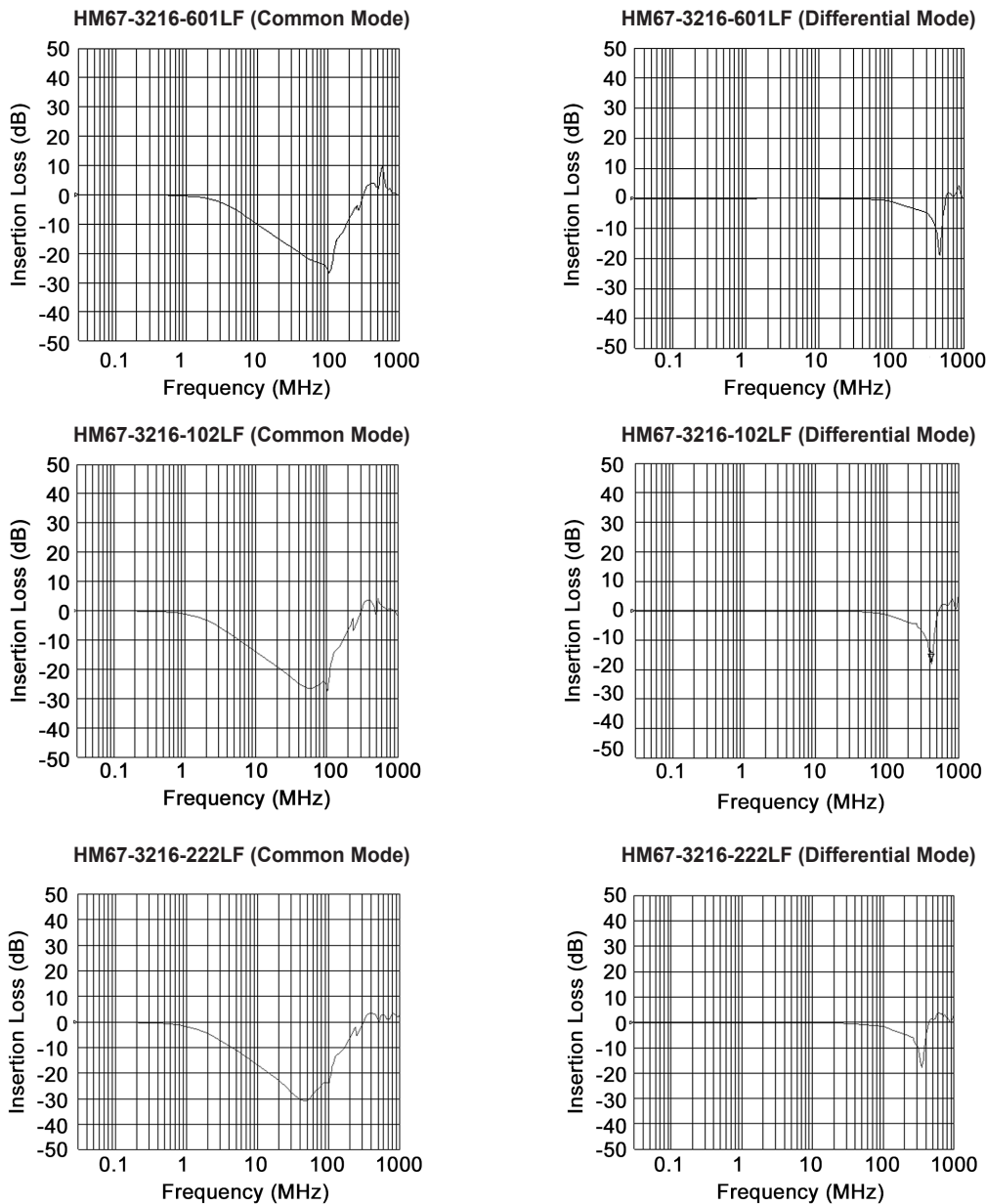


**General Note**

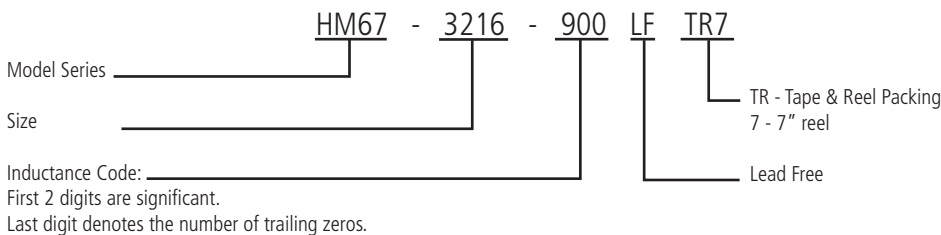
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## Electrical Characteristics @ 25°C (Continued)

(B) Insertion Loss vs. Frequency Graphs (Cont'd)



## Ordering Information



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