

Electrical / Environmental

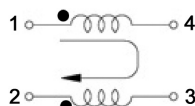
HM67-3216

Surface Mount Common Mode Chokes

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



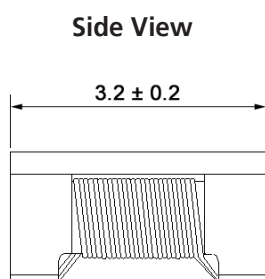
Schematic



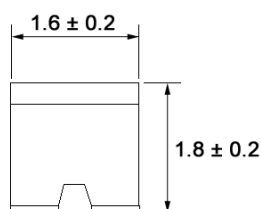
Specifications @ 25°C

Part Number	Terminals	Common-Mode Impedance $Z @ 100\text{MHz}$ $\Omega \pm 25\%$	Rated Current mA	DCR Max. Ω	Rated Voltage Vdc	Withstanding Voltage Vdc	Insulation Resistance M Ω 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

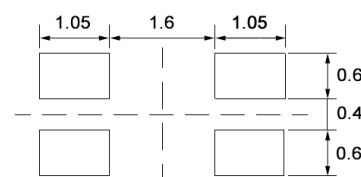
Outline Dimensions (mm)



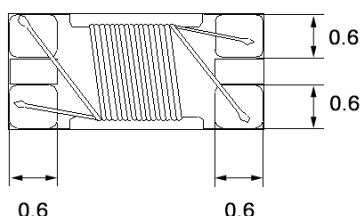
Front View



Recommended Solder Pad Layout



Bottom View



Packaging

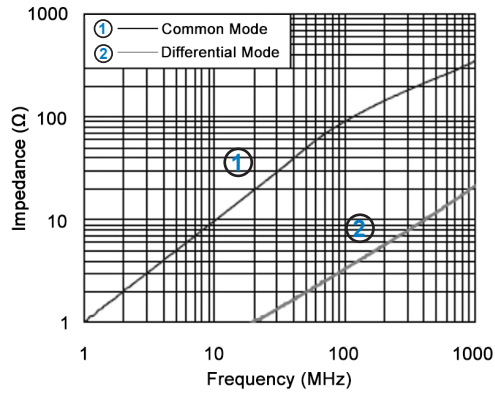
Standard: Embossed Tape & Reel

Reel:	Diameter:	= 7" (177.8mm)
	Capacity: Reel Quantity	= 2,000 Units
	Carton Box Quantity	= 20,000 Units

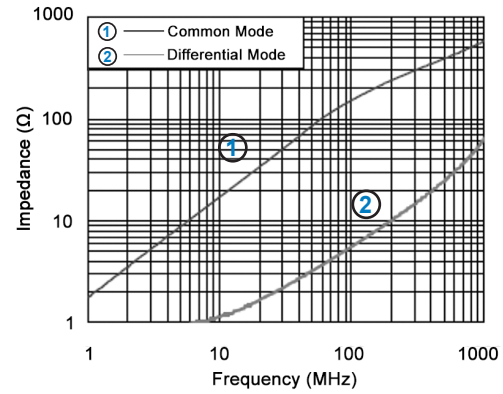
Electrical Characteristics @ 25°C

(A) Impedance vs. Frequency Graphs

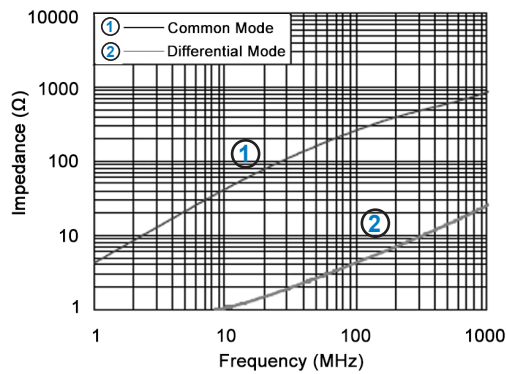
HM67-3216-900LF



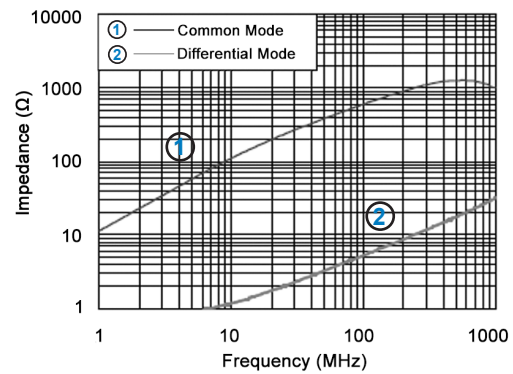
HM67-3216-161LF



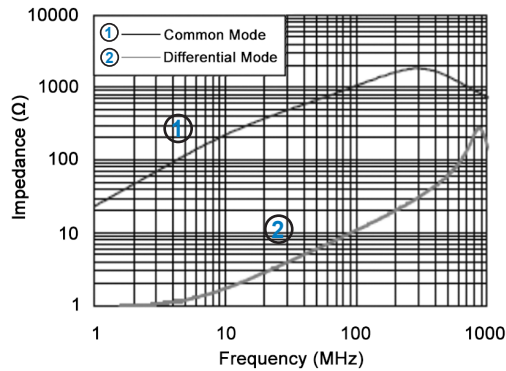
HM67-3216-261LF



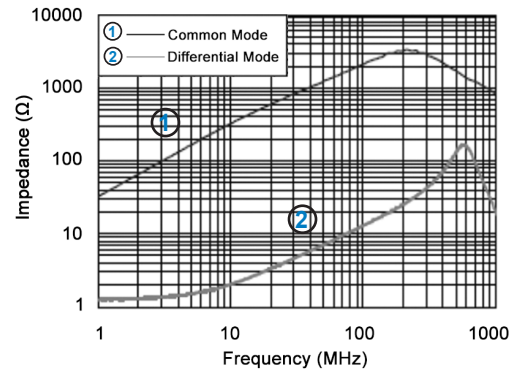
HM67-3216-601LF



HM67-3216-102LF

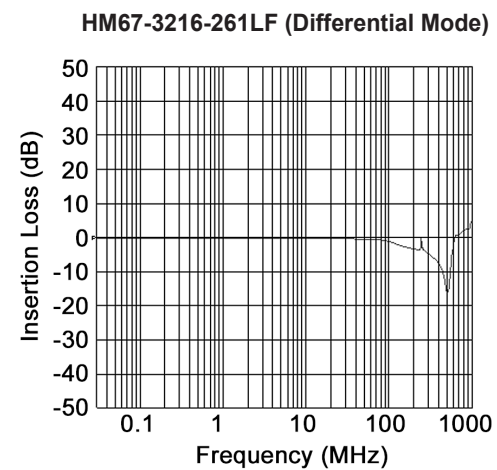
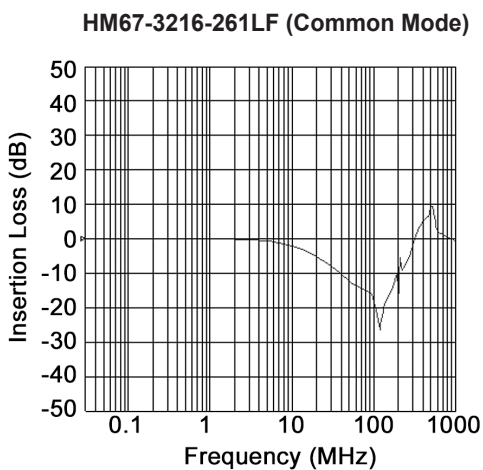
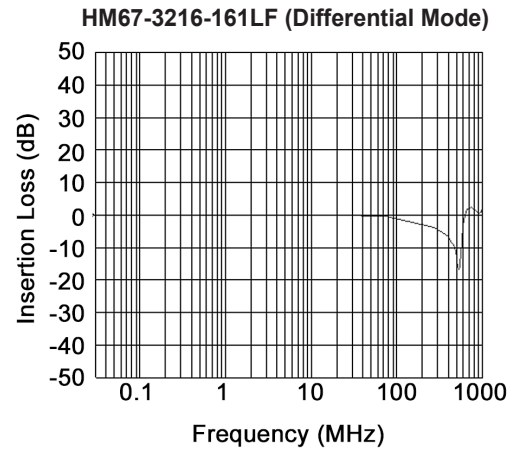
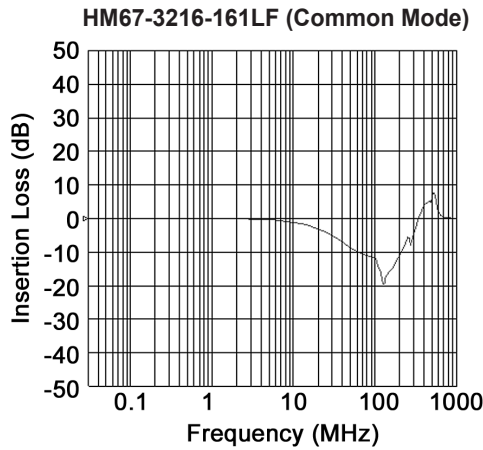
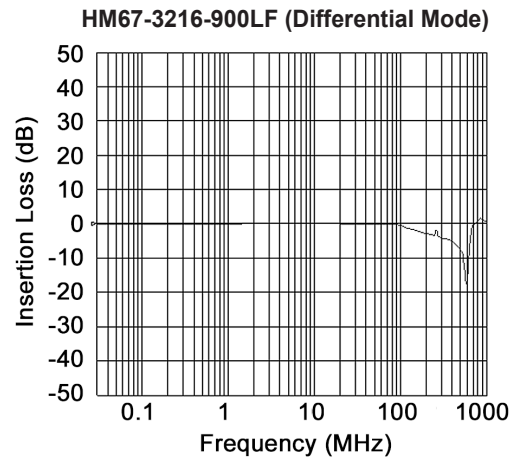
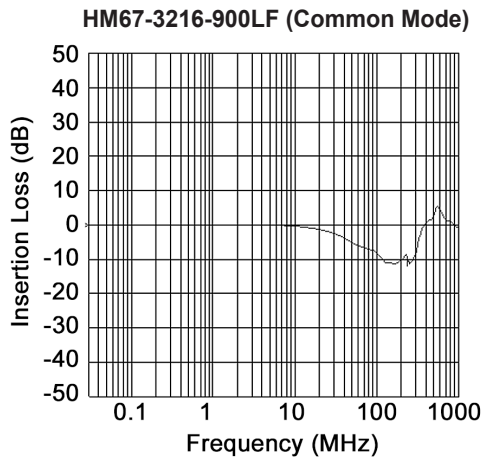


HM67-3216-222LF



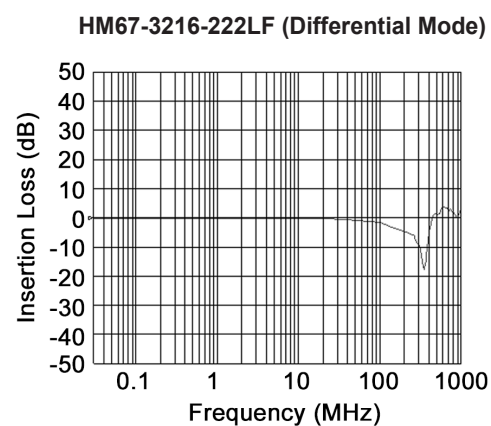
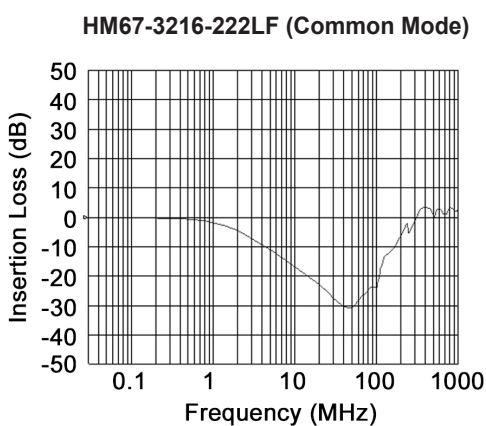
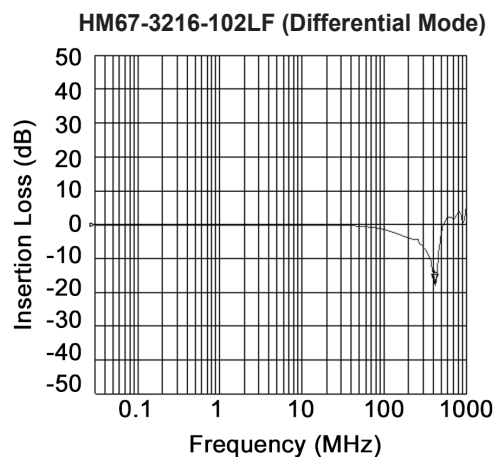
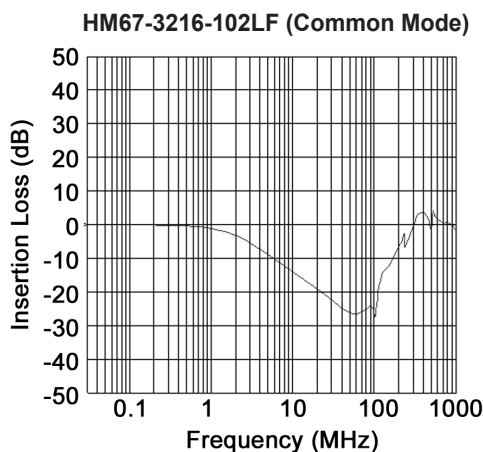
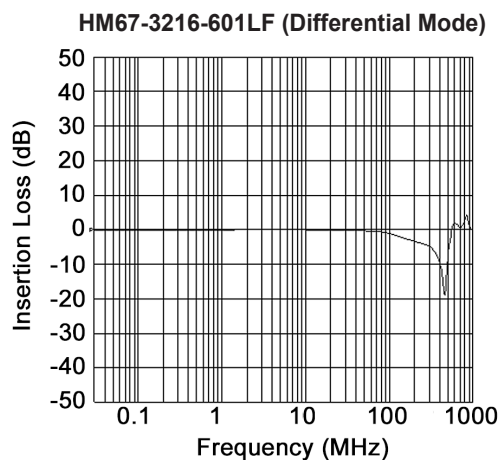
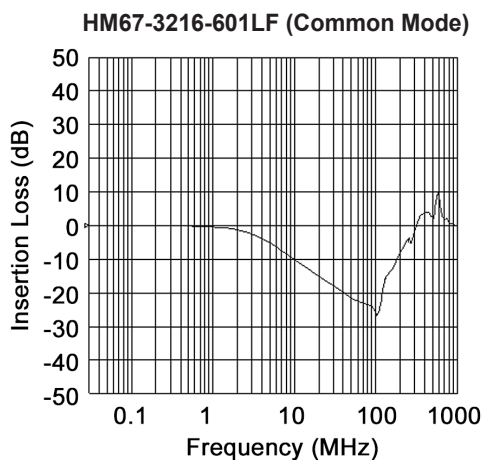
Electrical Characteristics @ 25°C (Cont'd)

(B) Insertion Loss vs. Frequency Graphs



Electrical Characteristics @ 25°C (Cont'd)

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



Ordering Information

Model Series	HM67 - 3216 - 900	LF	TR7	TR - Tape & Reel Packing 7 - 7" reel
Size				
Inductance Code:				Lead-Free
	First 2 digits are significant. Last digit denotes the number of trailing zeros.			

Mouser Electronics

Authorized Distributor

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TT Electronics:

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