

ACM Series

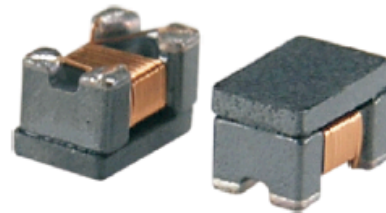
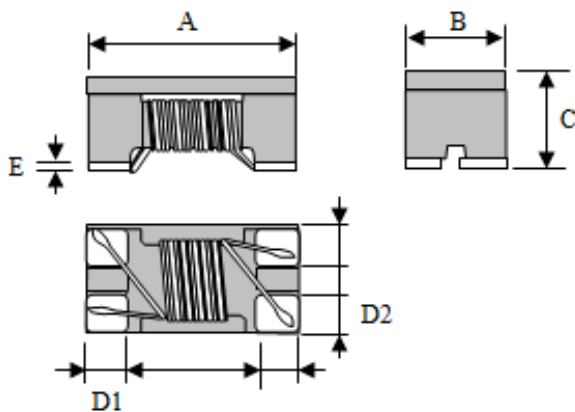
Features

- High common mode impedance at high frequency effects excellent noise suppression performance.
- ACM series realizes small size and low profile.
- The products contain no lead and also support lead-free soldering.

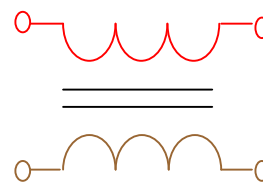
Applications

- The ACM Series is effective in high frequency noise suppression and suitable for suppression of Radiation noise in signal cables.
- The common mode choke coil structure enables noise suppression without degrading the signal.
- ACM can be used as a common mode filter for LVDS,USB2.0 and IEEE1394.

Configuration and Dimensions



Equivalent Circuit Diagram



External Dimensions (Unit: m/m)

TYPE	METRIC	A	B	C	D1	D2	E	Q'Ty/Reel
ACM201212	0805	2.0±0.2	1.2±0.2	1.2±0.2	0.45	0.45	0.17	2000
ACM321619	1206	3.2±0.2	1.6±0.2	1.8±0.2	0.60	0.60	0.17	2000

Part Number Code

ACM 201212 T 670

A B C D

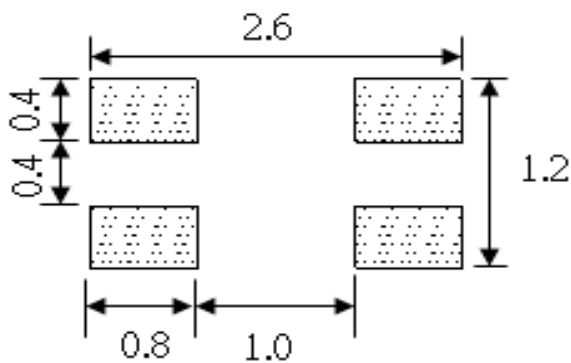
A: Series Name Common mode
 B: Dimensions(mm) 201212 : 2.0X1.2X1.2
 C: Tolerance T: ±25%
 D: Inductance 670= 67Ω

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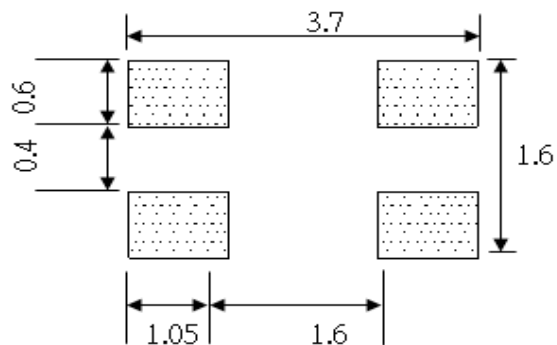
Part Number	Common-Mode Impedance Z(Ω) at 100MHz	Resistance Rdc(Ω) Max.	Rated Current Idc(mA) Max.	Rated Voltage Vdc(V)	Withstanding Voltage Vdc(V)	Insulation Resistance (m Ω)Min.
ACM201212T-670	67	0.25	400	50	125	10
ACM201212T-900	90	0.35	400	50	125	10
ACM201212T-121	120	0.35	400	50	125	10
ACM201212T-161	160	0.35	350	50	125	10
ACM201212T-181	180	0.35	330	50	125	10
ACM201212T-221	220	0.38	300	50	125	10
ACM201212T-261	260	0.40	300	50	125	10
ACM201212T-371	370	0.40	280	50	125	10
ACM321619T-900	90	0.30	400	50	125	10
ACM321619T-161	160	0.40	350	50	125	10
ACM321619T-221	220	0.45	310	50	125	10
ACM321619T-261	260	0.50	310	50	125	10
ACM321619T-601	600	0.80	260	50	125	10
ACM321619T-102	1000	1.00	230	50	125	10
ACM321619T-222	2200	1.20	200	50	125	10

Recommended Footprint

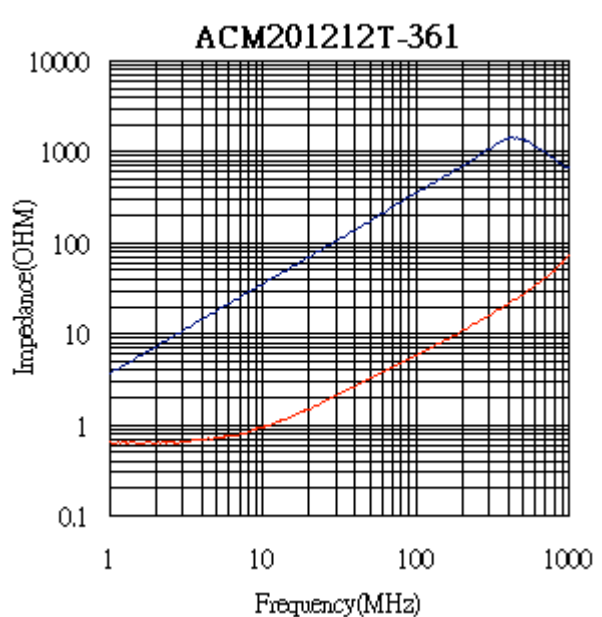
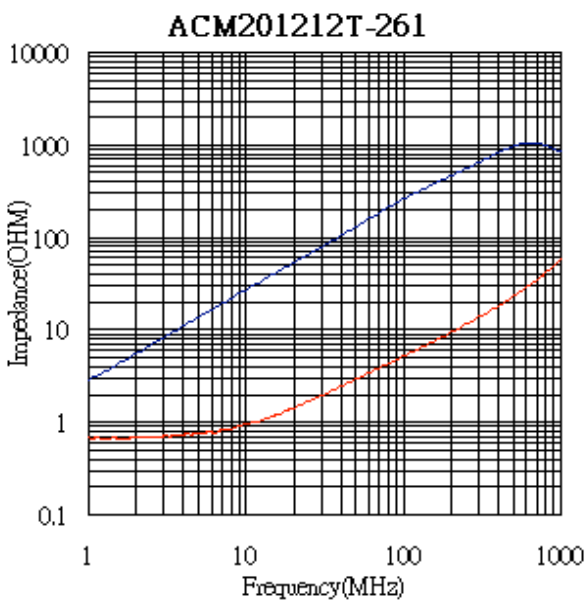
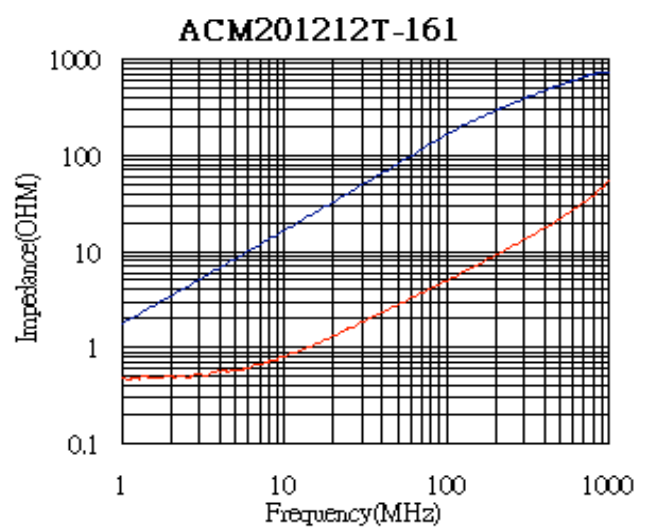
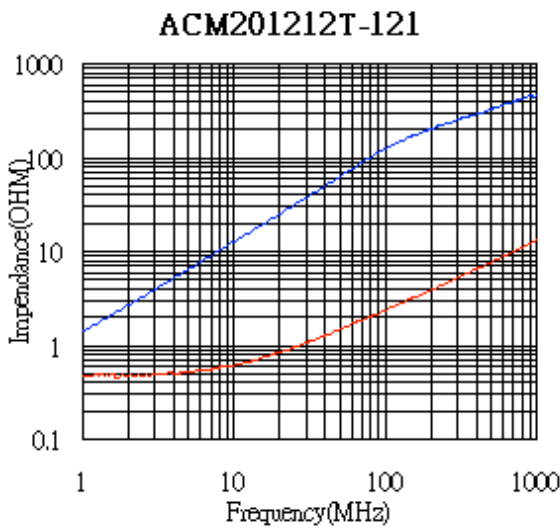
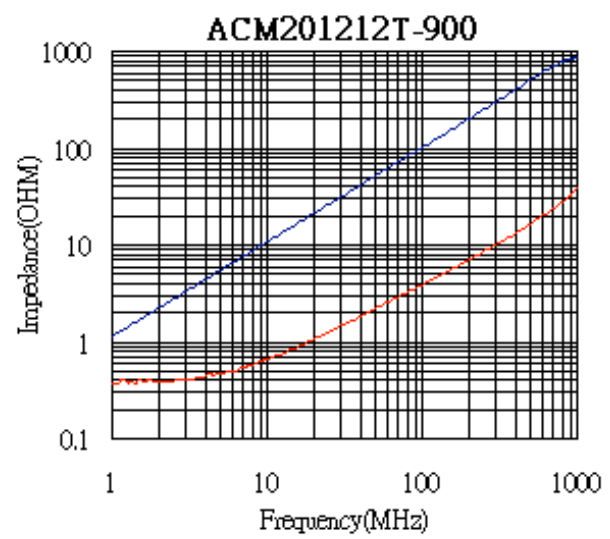
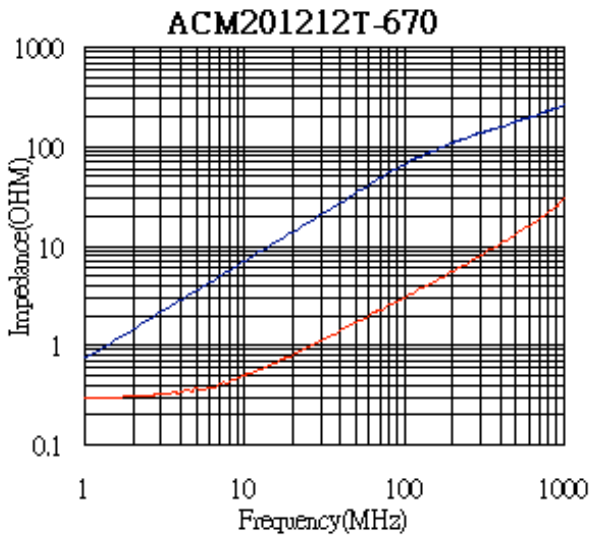
201212 TYPE



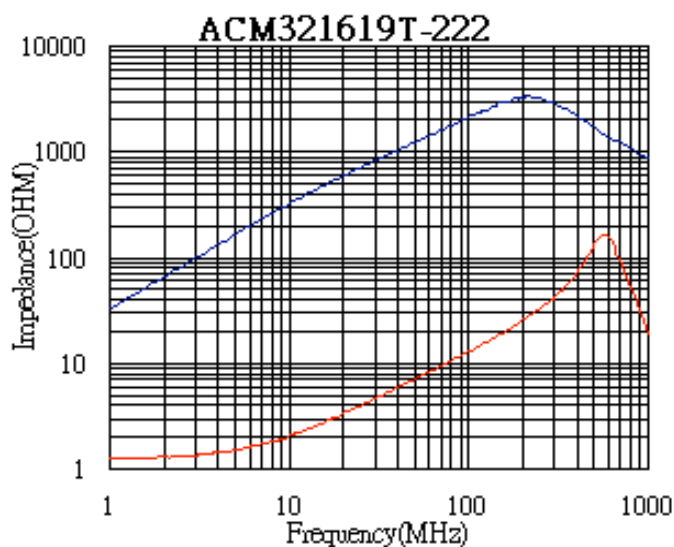
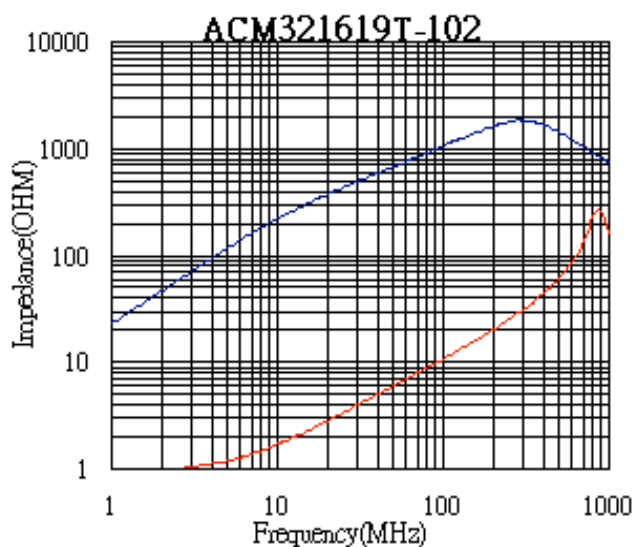
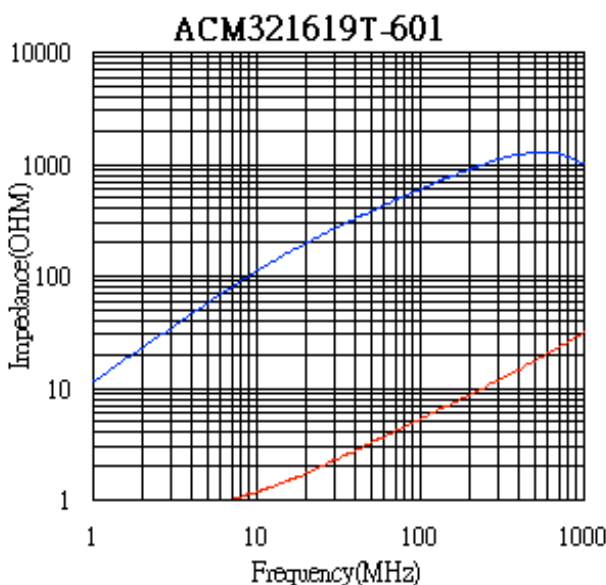
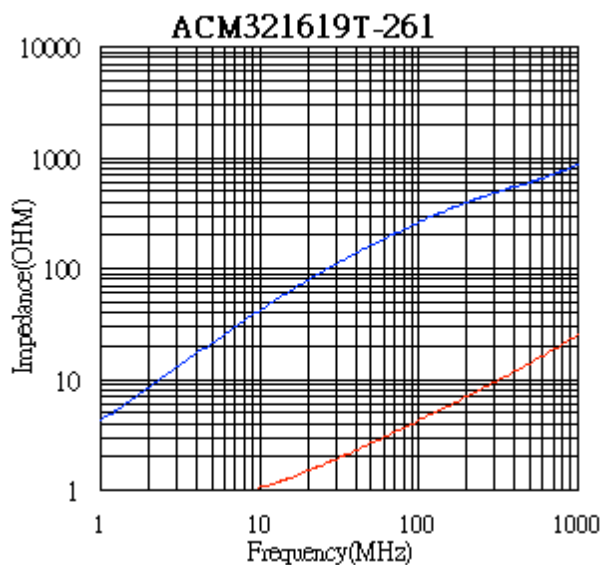
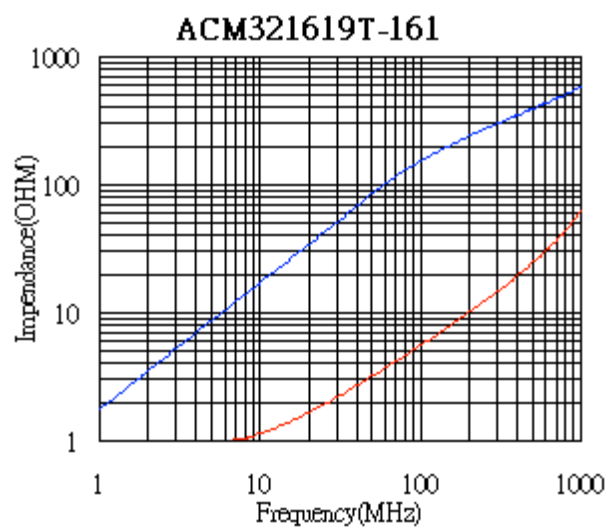
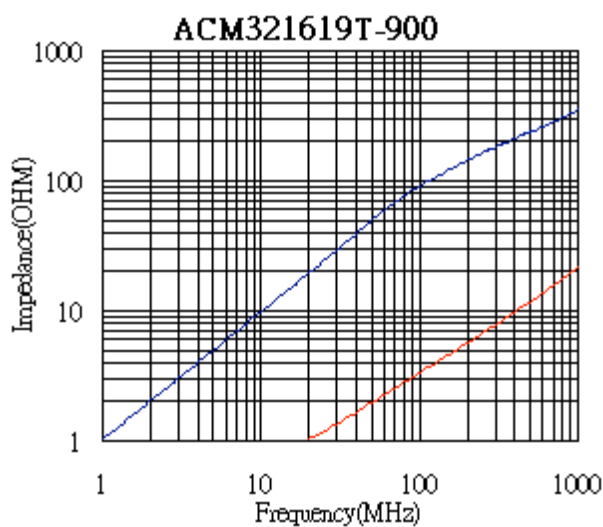
321619 TYPE



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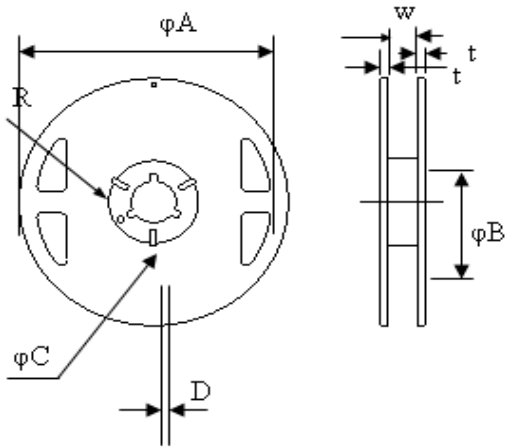


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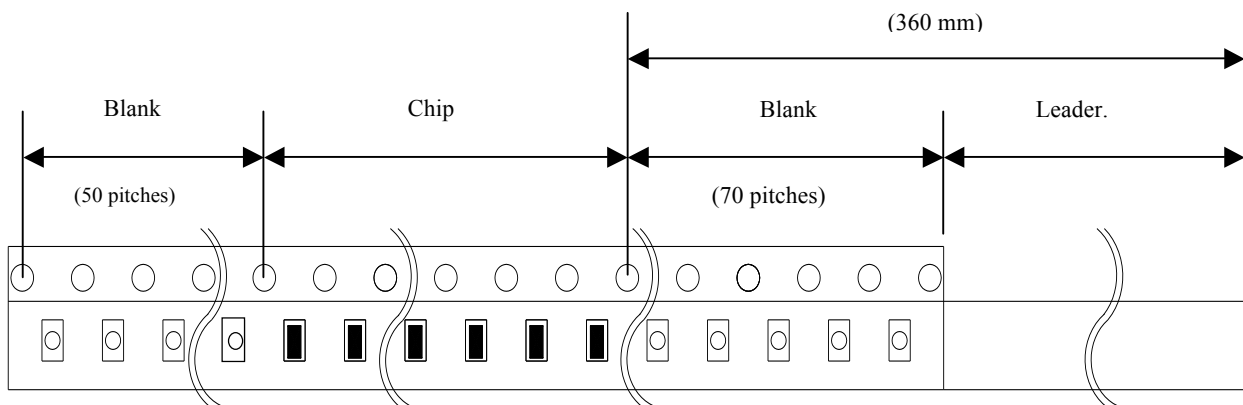
Packaging

1. Reel Dimension



Symbol	T
A	180±0.3
B	60±1.0
C	13±0.2
D	2.2±0.5
W	9.0±0.3
T	1.2
R	1

2. Tape Dimension



3. Tapping figure

