



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!



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EMC Components

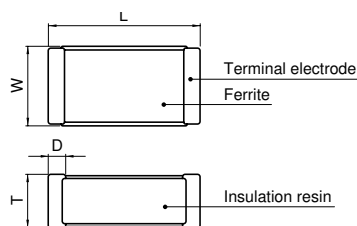
ACC Series

Ferrite Beads SMD

FEATURES

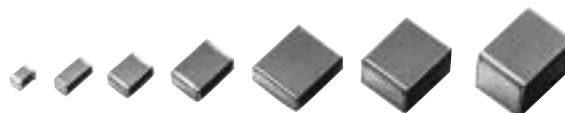
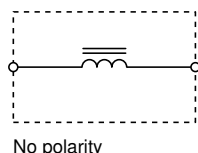
- With 4 types rated at 1.5A and 3 types rated at 3A, and with a range of frequency characteristics available for each type, the ACC series facilitates selection of the most appropriate part for any given application.
- Effective EMC suppression over a broad band can be achieved simply by inserting this product into the DC power line on the circuit board.

SHAPES AND DIMENSIONS

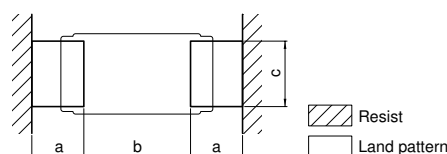


Shape	L	W	T	D
HF201209	2±0.2	1.25±0.2	0.9±0.2	0.3±0.2
HF321611	3.2±0.2	1.6±0.2	1.1±0.2	0.3±0.2
HF322513	3.2±0.3	2.5±0.2	1.3±0.2	0.3±0.2
HF453215	4.5±0.25	3.2±0.25	1.5±0.25	0.3±0.2
HF575018	5.7±0.4	5±0.3	1.8±0.3	0.2
HF575032	5.7±0.4	5±0.3	3.2±0.3	0.2
HF635050	6.4±0.4	5±0.3	4.74±0.3	0.2

CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERNS REFLOW AND FLOW SOLDERINGS



Type	a	b	c
HFXXACC201209	1	1	1
HFXXACC321611	1.1	2.2	1.4
HFXXACC322513	1.1	2.2	2.3
HFXXACC453215	1.5	3	3
HFXXACC575018	2	4	5.8
HFXXACC575032	2	4	5.8
HFXXACC635050	2	4.5	5.8

ELECTRICAL CHARACTERISTICS

Shape	Part No.	Impedance (Ω)[100MHz]	DC resistance (Ω)max.	Rated current (A)max.
201209	HF70ACC201209-X*	10±25%	0.03	1.5
	HF50ACC201209-X	11±25%	0.03	1.5
	HF30ACC201209-X	7±25%	0.03	1.5
321611	HF70ACC321611-X	26±25%	0.04	1.5
	HF50ACC321611-X	31±25%	0.04	1.5
	HF30ACC321611-X	19±25%	0.04	1.5
322513	HF70ACC322513-X	52±25%	0.05	1.5
	HF50ACC322513-X	60±25%	0.05	1.5
	HF30ACC322513-X	31±25%	0.05	1.5
453215	HF70ACC453215-X	120±25%	0.05	1.5
	HF50ACC453215-X	125±25%	0.05	1.5
	HF30ACC453215-X	70±25%	0.05	1.5
575018	HF70ACC575018-X	150±25%	0.04	3
	HF50ACC575018-X	180±25%	0.04	3
	HF30ACC575018-X	100±25%	0.04	3
575032	HF70ACC575032-X	300±25%	0.04	3
	HF50ACC575032-X	400±25%	0.04	3
	HF30ACC575032-X	270±25%	0.04	3
635050	HF70ACC635050-X	500±25%	0.04	3
	HF50ACC635050-X	600±25%	0.04	3
	HF30ACC635050-X	750±25%	0.04	3

* X : Packaging style (T: Taping [ø180mm reel], TL: Taping [ø330mm reel])

EMC Components

ACC Series

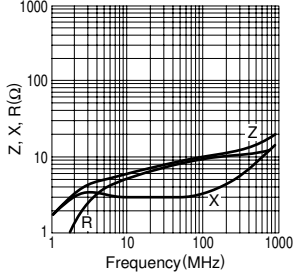
Ferrite Beads

SMD

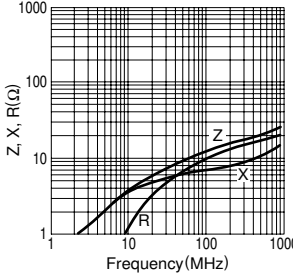
TYPICAL ELECTRICAL CHARACTERISTICS

Z, X, R vs. FREQUENCY CHARACTERISTICS

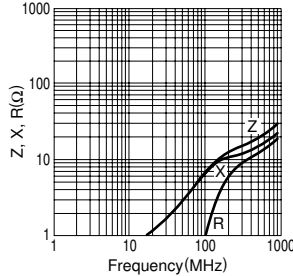
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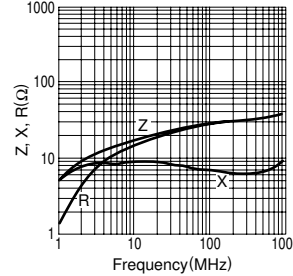
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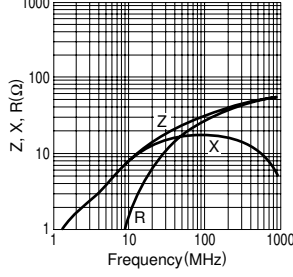
HF30ACC201209



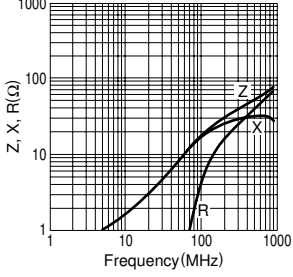
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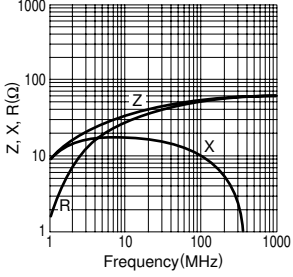
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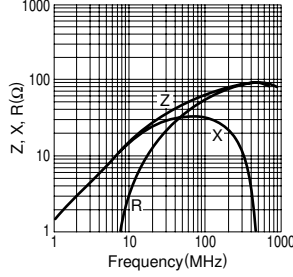
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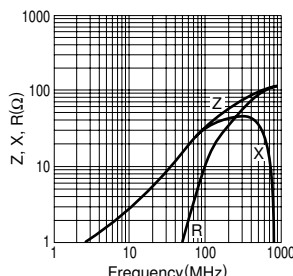
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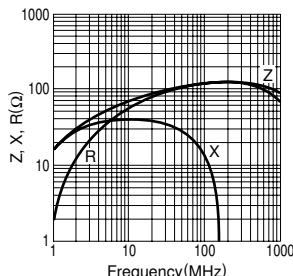
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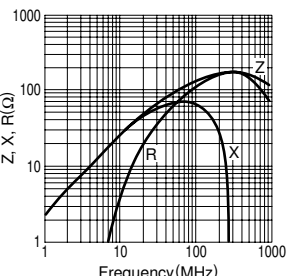
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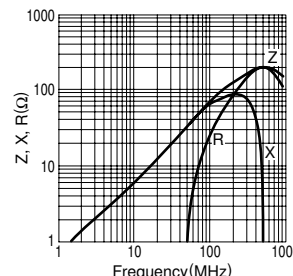
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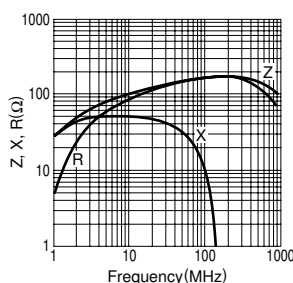
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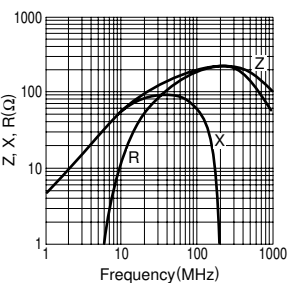
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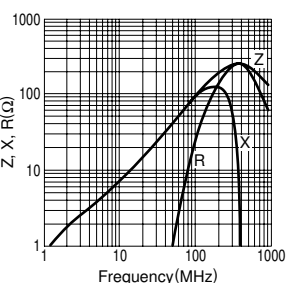
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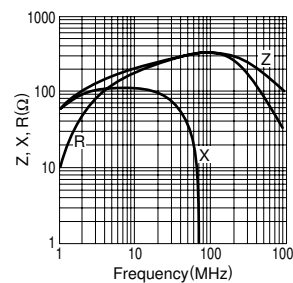
HF50ACC575018



HF30ACC575018



HF70ACC575032



• TEST EQUIPMENT:RF IMPEDANCE ANALYZER YHP4191A

EMC Components

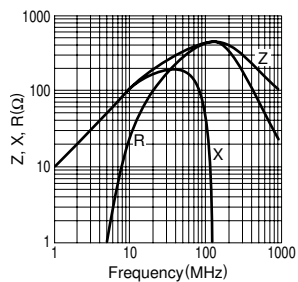
ACC Series

Ferrite Beads
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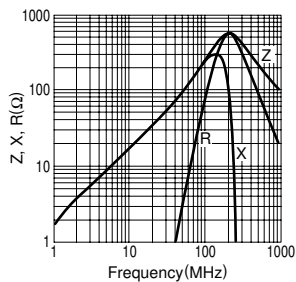
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Z, X, R vs. FREQUENCY CHARACTERISTICS

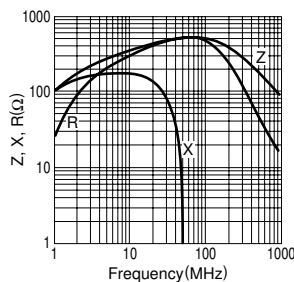
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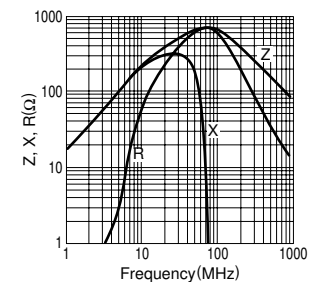
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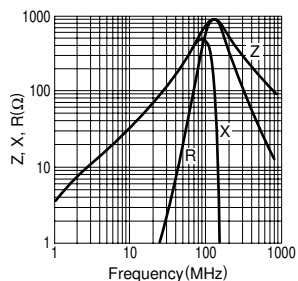
HF70ACC635050



HF50ACC635050



HF30ACC635050



• TEST EQUIPMENT: RF IMPEDANCE ANALYZER YHP4191A