



# SURFACE-MOUNT MULTI-LAYER FERRITE CHIP BEADS

## ACML-1206, -1806, -1812 and ACSB-02, -03 SERIES

### STANDARD SPECIFICATIONS

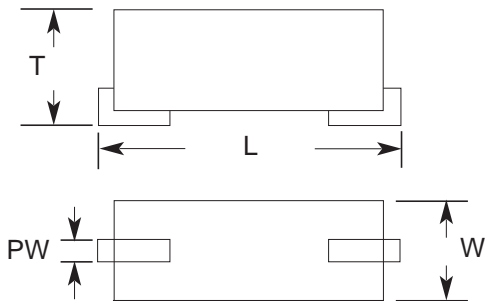
Part Number <sup>1</sup>	Z(W) (±25%)	Test Freq (MHz)	DCR (W MAX)	Idc (mA MAX)	Part Number <sup>1</sup>	Z(W) (±25%)	Test Freq (MHz)	DCR (W MAX)	Idc (mA MAX)
ACML-1206-19(H <sup>3</sup> )	19	100	0.05	2000	ACML-1806-50	50	100	0.020	3000
ACML-1206-26(H <sup>3</sup> )	26	100	0.05	2000	ACML-1806-60(H <sup>3</sup> )	60	100	0.020	3000
ACML-1206-31(H <sup>3</sup> )	31	100	0.05	2000	ACML-1806-70(H <sup>3</sup> )	70	100	0.025	3000
ACML-1206-36	36	100	0.05	2000	ACML-1806-80(H <sup>3</sup> )	80	100	0.025	2500
ACML-1206-66(H <sup>3</sup> )	66	100	0.10	1000					
ACML-1206-80	80	100	0.10	1000	ACML-1812-50	50	100	0.020	3500
ACML-1206-120(H <sup>3</sup> )	120	100	0.15	600	ACML-1812-60	60	100	0.020	3500
ACML-1206-150	150	100	0.20	600	ACML-1812-70(H <sup>3</sup> )	70	100	0.020	3500
ACML-1206-180	180	100	0.20	600	ACML-1812-80	80	100	0.020	3000
ACML-1206-300	300	100	0.25	600	ACML-1812-120(H <sup>3</sup> )	120	100	0.025	2000
ACML-1206-500	500	100	0.30	600	ACML-1812-130	130	100	0.027	2000
ACML-1206-600	600	100	0.30	600					
ACML-1206-750	750	100	0.30	600	ACSB-02 <sup>4</sup>	80	100	0.0009	5000
ACML-1206-1000	1000	50	0.40	500	ACSB-03 <sup>4</sup>	38	100	0.0006	5000
ACML-1206-1200	1200	50	0.50	300					
ACML-1206-1500	1500	50	0.60	200					
ACML-1206-2000	2000	50	0.70	200					
ACML-1206-2500	2500	50	0.80	200					
ACML-1206-3000	3000	50	1.00	200					

**Notes:**

1. Includes product with "H" suffix
2. Dimensions: inches / mm; see spec sheet for tolerance limits
3. "H" indicates alternative rated Idc @ 2 x listed value
4. See Z vs. Freq. performance chart for bias rating characteristics
5. Specifications subject to change without notice

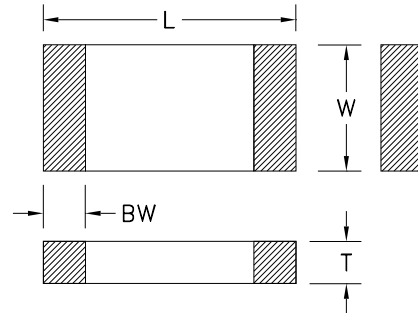
### ACSB

#### PHYSICAL CHARACTERISTICS



### ACML

#### PHYSICAL CHARACTERISTICS



	Length <sup>2</sup> (L)	Width <sup>2</sup> (W)	Height <sup>2</sup> (T)	Pad Width <sup>2</sup> (PW)
ACML-1206	0.125 (3,2)	0.063 (1,6)	0.035 (0,9)	0.02 (0,5)
ACML-1806	0.177 (4,5)	0.063 (1,6)	0.063 (1,6)	0.02 (0,5)
ACML-1812	0.177 (4,5)	0.126 (3,2)	0.059 (1,5)	0.02 (0,5)
ACSB-02	0.378 (9,6)	0.120 (3,05)	0.118(3,05)	0.053(1,35)
ACSB-03	0.201 (5,1)	0.120 (3,05)	0.112(2,85)	0.053(1,35)

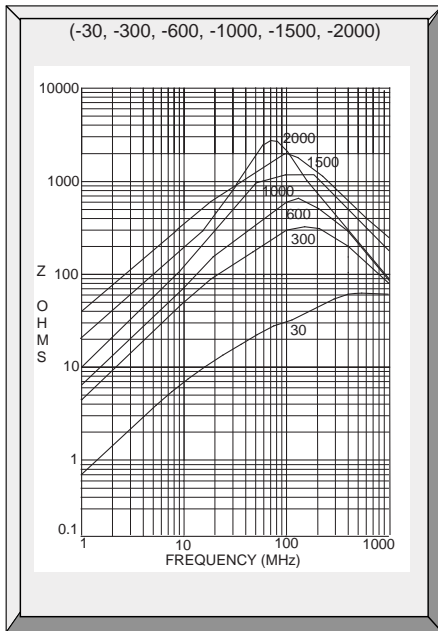
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ACML-1206, -1806, -1812 and ACSB-02,-03 Series

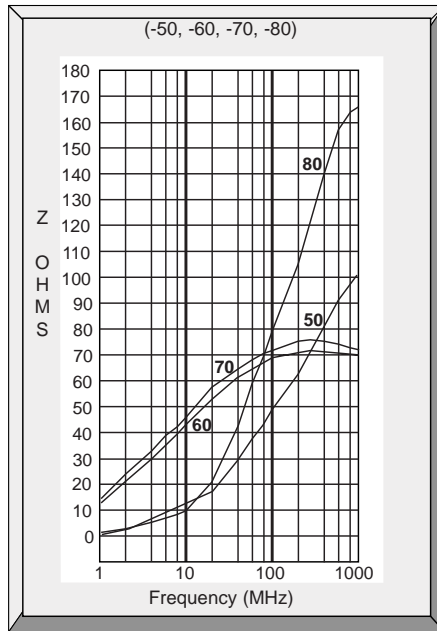


## IMPEDANCE VS. FREQUENCY

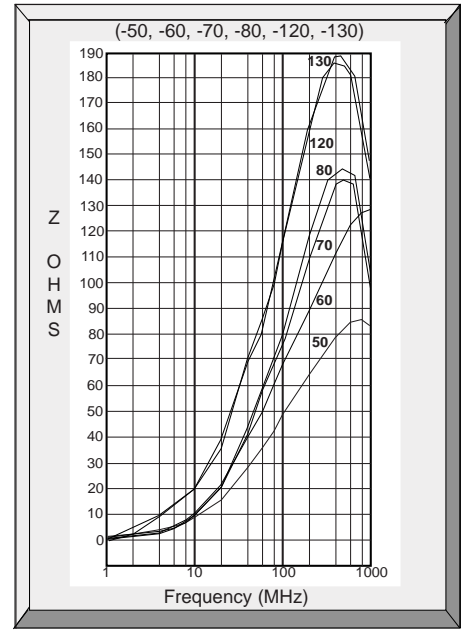
ACML-1206



ACML-1806

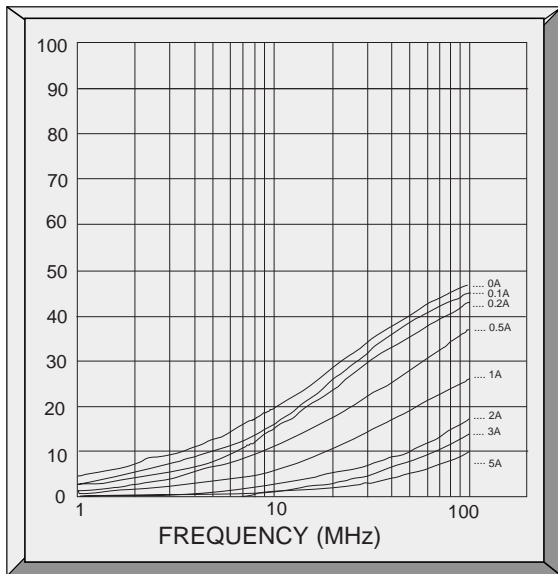


ACML-1812

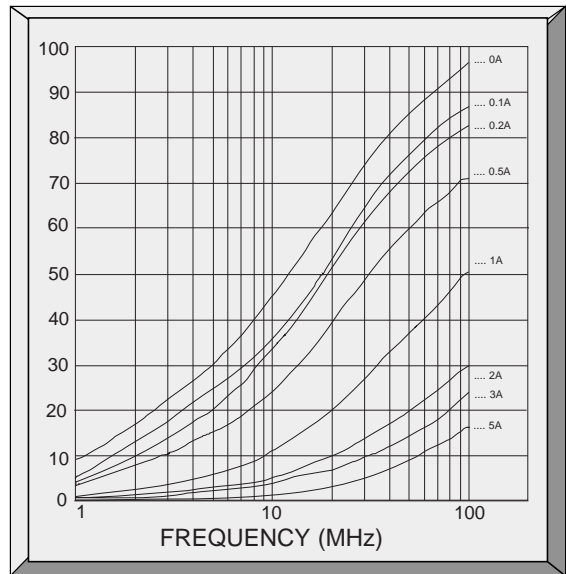


## IMPEDANCE VS. FREQUENCY with DC BIAS

ACSB-02



ACSB-03



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