

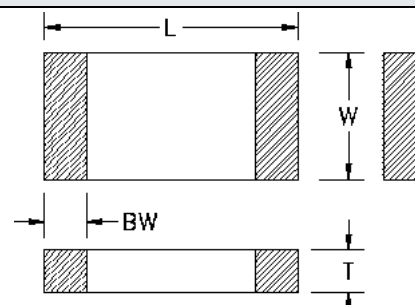
SURFACE-MOUNT MULTI-LAYER CHIP BEADS

ACML-0402, -0603, -0805 SERIES

STANDARD SPECIFICATIONS

Part Number ¹	Z(Ω) (±25%)	Test Freq (MHz)	DCR (Ω MAX)	I _{dc} (mA MAX)	Part Number ¹	Z(Ω) (±25%)	Test Freq (MHz)	DCR (Ω MAX)	I _{dc} (mA MAX)
ACML-0402-5	5	100	0.05	500	ACML-0805-7(H ³)	7	100	0.04	2200
ACML-0402-7	7	100	0.05	500	ACML-0805-11(H ³)	11	100	0.04	2000
ACML-0402-11	11	100	0.05	500	ACML-0805-19	19	100	0.04	2000
ACML-0402-19	19	100	0.05	300	ACML-0805-26	26	100	0.05	1500
ACML-0402-31	31	100	0.25	300	ACML-0805-31	31	100	0.05	1500
ACML-0402-60	60	100	0.4	200	ACML-0805-36	36	100	0.06	1500
ACML-0402-80	80	100	0.4	200	ACML-0805-39(H ³)	39	100	0.06	1000
ACML-0402-120	120	100	0.5	150	ACML-0805-60	60	100	0.06	1000
ACML-0402-180	180	100	0.6	150	ACML-0805-66	66	100	0.06	1000
ACML-0402-300	300	100	0.8	100	ACML-0805-70	70	100	0.10	1000
ACML-0402-500	500	100	1.2	100	ACML-0805-80	80	100	0.12	1000
ACML-0402-600	600	100	1.5	100	ACML-0805-120	120	100	0.18	800
					ACML-0805-150	150	100	0.25	800
ACML-0603-5(H ⁴)	5	100	0.05	1000	ACML-0805-180	180	100	0.25	600
ACML-0603-7	7	100	0.05	1000	ACML-0805-220	220	100	0.25	600
ACML-0603-11(H ⁴)	11	100	0.05	1000	ACML-0805-300	300	100	0.30	500
ACML-0603-19	19	100	0.06	1000	ACML-0805-500	500	100	0.30	500
ACML-0603-31(H ⁴)	31	100	0.06	500	ACML-0805-600	600	100	0.40	500
ACML-0603-60(H ⁴)	60	100	0.10	300	ACML-0805-750	750	100	0.40	300
ACML-0603-80	80	100	0.12	200	ACML-0805-1000	1000	50	0.45	300
ACML-0603-120	120	100	0.20	200	ACML-0805-1200	1200	50	0.60	200
ACML-0603-180	180	100	0.30	200	ACML-0805-1500	1500	50	0.70	200
ACML-0603-300	300	100	0.35	200	ACML-0805-2000	2000	50	0.88	500
ACML-0603-500	500	100	0.45	200					
ACML-0603-600	600	100	0.60	200					
ACML-0603-1000	1000	100	0.70	100					

PHYSICAL CHARACTERISTICS



Notes:

1. Includes product with "H" suffix
2. Dimensions: inches / mm; see spec sheet for tolerance limits
3. "H" indicates alternative rated I_{dc} @ 1.5 x listed value
4. "H" indicates alternative rated I_{dc} @ 2 x listed value
5. Specifications subject to change without notice

	Length ² (L)	Width ² (W)	Thickness ² (T)	Termination ² (BW)
ACML-0402	0.040±0.006 (1.0±0.15)	0.020±0.006 (0.5±0.015)	0.020±0.006 (0.5±0.015)	0.01±0.004 (0.25±0.1)
ACML-0603	0.063±0.006 (1.6±0.15)	0.031±0.006 (0.8±0.15)	0.031±0.006 (0.8±0.15)	0.012±0.008 (0.3±0.2)
ACML-0805	0.079±0.012,-0.004 (2.0±0.3,-0.1)	0.049±0.008 (1.25±0.2)	0.033±0.008 (0.85±0.2)	0.02±0.012 (0.5±0.3)



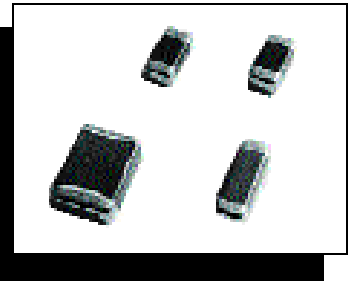
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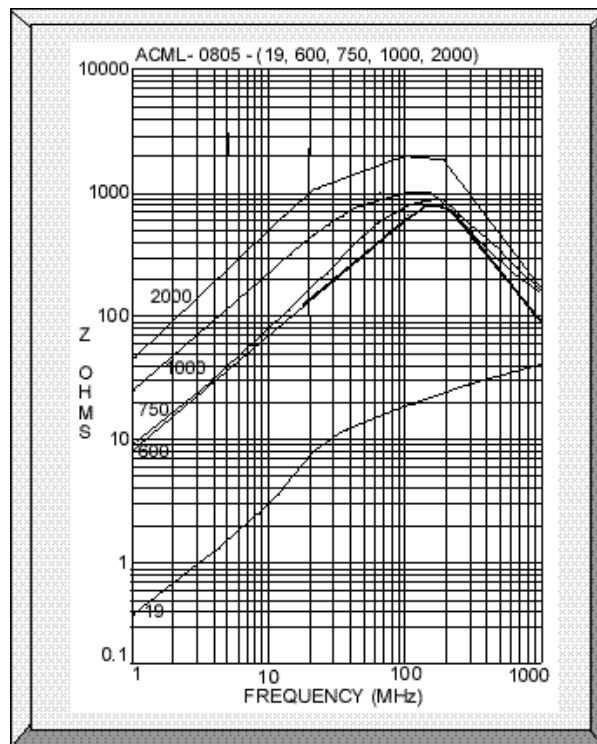
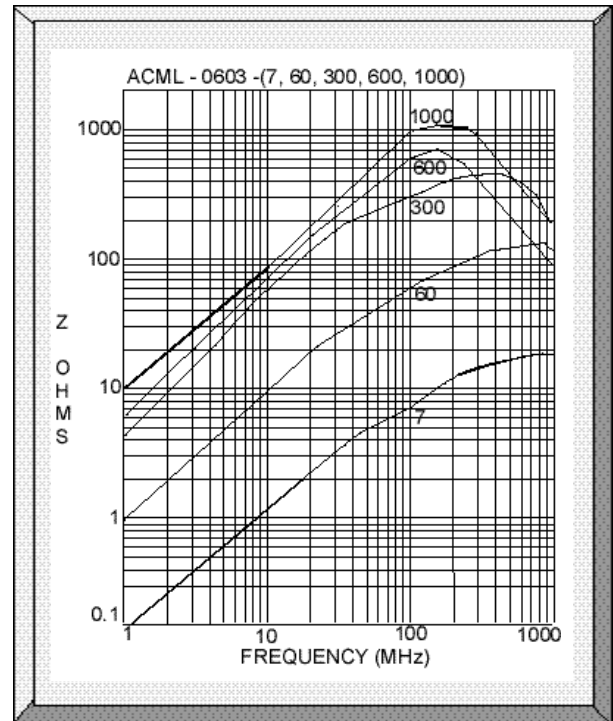
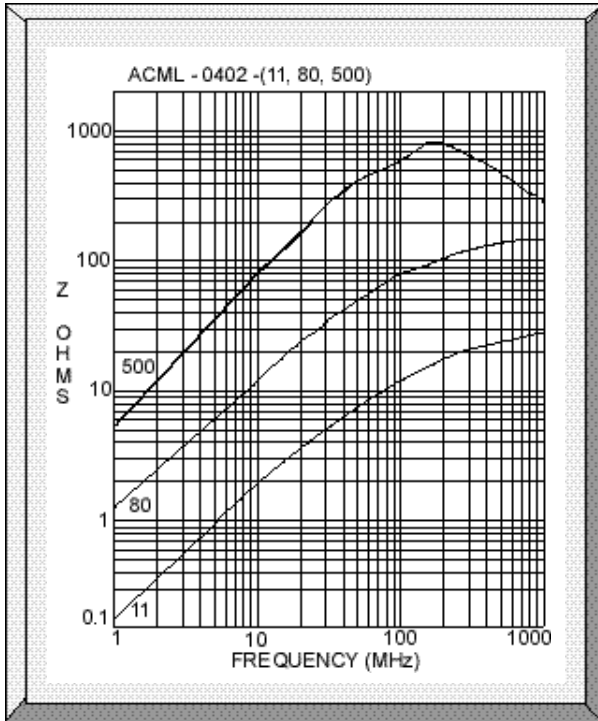
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SURFACE-MOUNT MULTI-LAYER FERRITE CHIP BEADS

ACML-0402, -0603, -0805 SERIES



IMPEDANCE VS. FREQUENCY

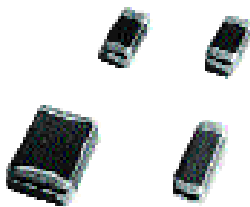


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SURFACE-MOUNT MULTI-LAYER FERRITE CHIP BEADS

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

STANDARD SPECIFICATIONS

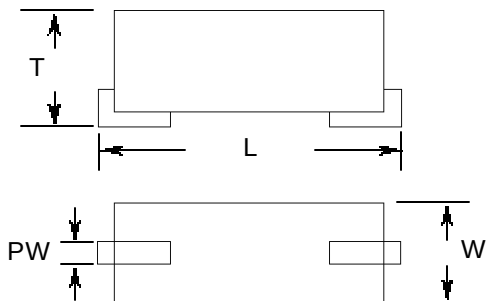
Part Number ¹	Z(Ω) (±25%)	Test Freq (MHz)	DCR (Ω MAX)	Idc (mA MAX)	Part Number ¹	Z(Ω) (±25%)	Test Freq (MHz)	DCR (Ω MAX)	Idc (mA MAX)
ACML-1206-19(H ³)	19	100	0.05	2000	ACML-1806-50	50	100	0.020	3000
ACML-1206-26(H ³)	26	100	0.05	2000	ACML-1806-60(H ³)	60	100	0.020	3000
ACML-1206-31(H ³)	31	100	0.05	2000	ACML-1806-70(H ³)	70	100	0.025	3000
ACML-1206-36	36	100	0.05	2000	ACML-1806-80(H ³)	80	100	0.025	2500
ACML-1206-66(H ³)	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 ³)	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 ³)	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 ³)	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 ⁴	80	100	0.0009	5000
ACML-1206-1000	1000	50	0.40	500	ACSB-03 ⁴	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

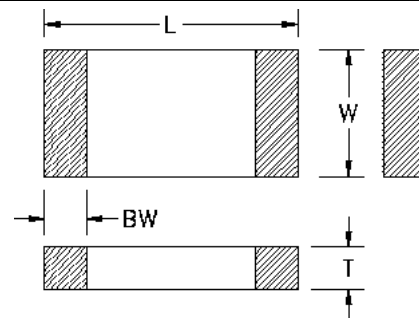
ACSB

PHYSICAL CHARACTERISTICS



ACML

PHYSICAL CHARACTERISTICS



	Length ² (L)	Width ² (W)	Height ² (T)	Pad Width ² (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)

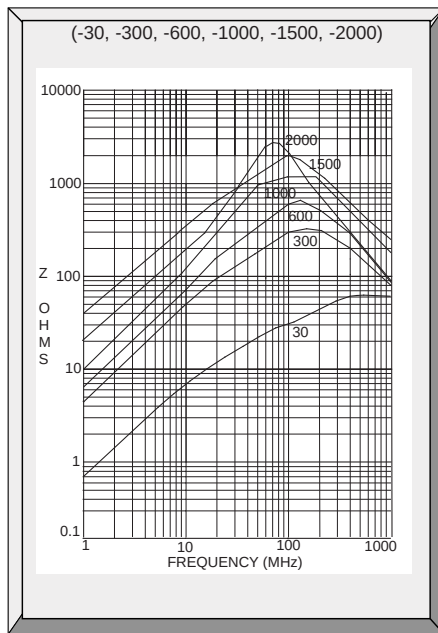
SURFACE-MOUNT MULTI-LAYER FERRITE CHIP BEADS

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

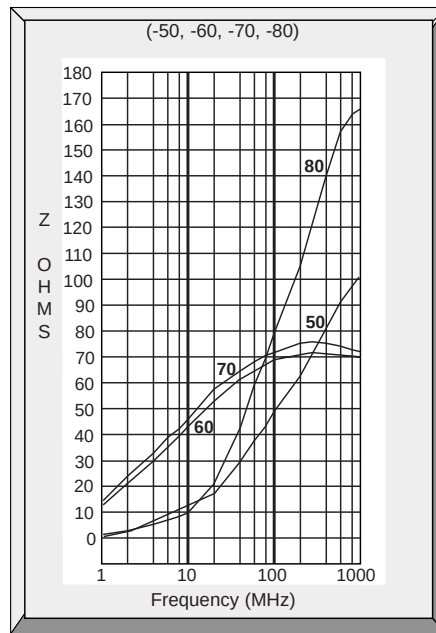


IMPEDANCE VS. FREQUENCY

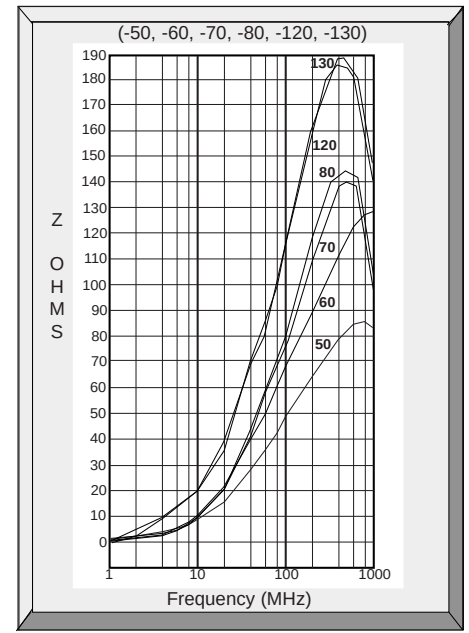
ACML-1206



ACML-1806

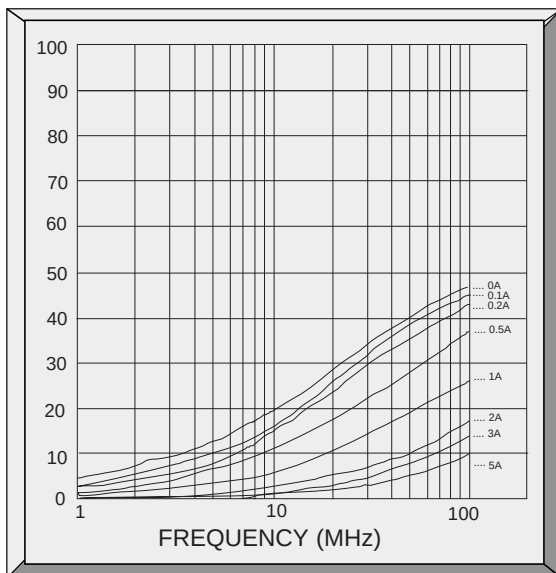


ACML-1812

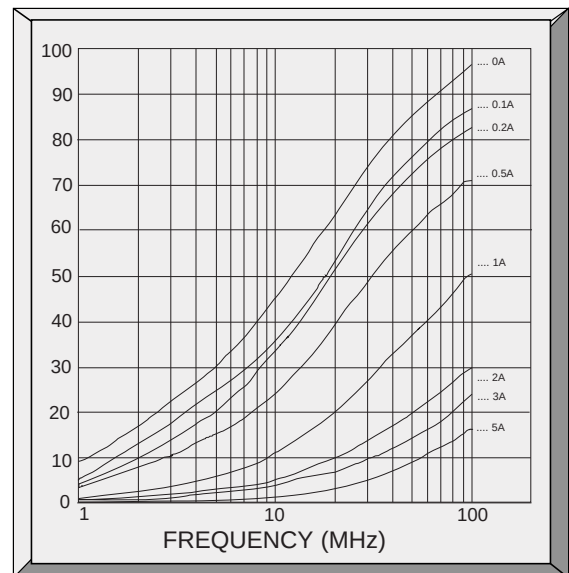


IMPEDANCE VS. FREQUENCY with DC BIAS

ACSB-02



ACSB-03



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