World Products Inc. 19654 8th St. East, Sonoma, CA, USA, 95476 . . Phone: (707) 996-5201 . . Fax: (707) 996-3380

Chip Ferrite Inductors - 1206 Specifications

1206 is the U.S. inches equivalent for the 3216 millimeter series.

Part Number	Inductance		Q		L.Q. Test Frequency	Self-Resonant Frequency (MHz)		DC Resistance (m ohms)		Rated DC Current (mA)
	µH	Tolerance	Min	Typ	(MHz)	Min	Typ	Max	Typ	Max
WPF-3216-470	0.047	±10%/±20%	20	60	50	320	400	150	80	300
WPF-3216-560	0.056	±10%/±20%	20	60	50	300	360	150	80	300
WPF-3216-680	0.068	±10%/±20%	20	60	50	280	330	150	100	300
WPF-3216-820	0.082	±10%/±20%	20	50	50	255	300	150	100	300
WPF-3216-101	0.10	±5%/±10%/±20%	25	25	25	235	280	200	100	250
WPF-3216-121	0.12	±5%/±10%/±20%	25	50	25	220	260	200	100	250
WPF-3216-151	0.15	±5%/±10%/±20%	25	50	25	200	240	200	100	250
WPF-3215-181	0.18	±5%/±10%/±20%	25	50	25	185	220	200	100	250
WPF-3216-221	0.22	±5%/±10%/±20%	25	50	25	170	200	250	120	250
WPF-3216-271	0.27	±5%/±10%/±20%	25	50	25	150	180	250	120	250
WPF-3216-331	0.33	±5%/±10%/±20%	25	50	25	145	170	300	130	250
WPF-3216-391	0.39	±5%/±10%/±20%	30	50	25	135	160	300	150	200
WPF-3216-471	0.47	±5%/±10%/±20%	30	50	25	125	145	300	150	200
WPF-3216-561	0.56	±5%/±10%/±20%	30	50	25	115	135	350	170	150
WPF-3216-681	0.68	±5%/±10%/±20%	30	50	25	105	125	350	250	150
WPF-3216-821	0.82	±5%/±10%/±20%	30	50	25	100	115	400	300	150
WPF-3216-102	1.0	±5%/±10%/±20%	45	80	10	75	90	250	130	100
WPF-3216-122	1.2	±5%/±10%/±20%	45	80	10	65	80	300	150	100
WPF-3216-152	1.5	±5%/±10%/±20%	45	80	10	60	70	300	170	50
WPF-3216-182	1.8	±5%/±10%/±20%	45	80	10	55	66	500	250	50
WPF-3216-222	2.2	±5%/±10%/±20%	45	80	10	50	58	600	300	50
WPF-3216-272	2.7	±5%/±10%/±20%	45	80	10	45	53	600	300	50
WPF-3216-332	3.3	±5%/±10%/±20%	45	85	10	41	49	700	350	50
WPF-3216-392	3.9	±5%/±10%/±20%	45	85	10	38	45	800	400	50
WPF-3216-472	4.7	±5%/±10%/±20%	45	85	10	35	41	800	400	50

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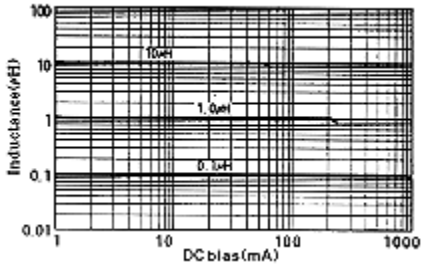
Chip Ferrite Inductors - 1206 Specifications - (Continued)

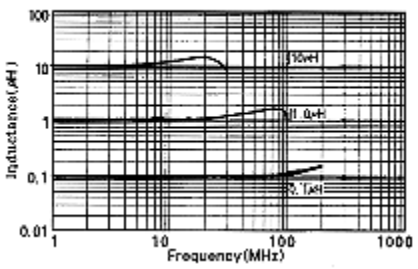
1206 is the U.S. inches equivalent for the 3216 millimeter series.

Part Number	Inductance		Q		L.Q. Test Frequency	Self-Resonant Frequency (MHz)		DC Resistance (m ohms)		Rated DC Current (mA)
	µH	Tolerance	Min	Typ	(MHz)	Min	Typ	Max	Typ	Max
WPF-3216-562	5.6	±5%/±10%/±20%	50	65	4	32	38	600	300	50
WPF-3216-682	6.8	±5%/±10%/±20%	50	65	4	29	34	600	300	50
WPF-3216-822	8.2	±5%/±10%/±20%	50	65	4	26	31	600	330	50
WPF-3216-103	10.0	±5%/±10%/±20%	50	65	2	24	28	700	380	50
WPF-3216-123	12.0	±5%/±10%/±20%	50	65	2	22	26	900	450	25
WPF-3216-153	15.0	±5%/±10%/±20%	35	45	1	19	23	1100	550	25
WPF-3216-183	18.0	±5%/±10%/±20%	35	45	1	18	21	1500	800	25
WPF-3216-223	22.0	±5%/±10%/±20%	35	45	1	16	19	1500	800	25
WPF-3216-273	27.0	±5%/±10%/±20%	35	45	1	14	17	1500	800	25
WPF-3216-333	33.0	±5%/±10%/±20%	35	45	0.4	13	16	1600	850	25

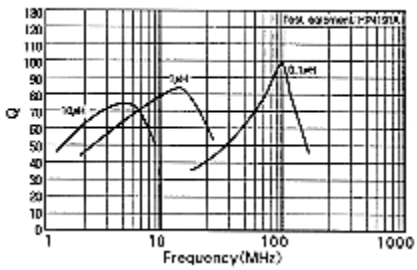
DC Bias Characteristics



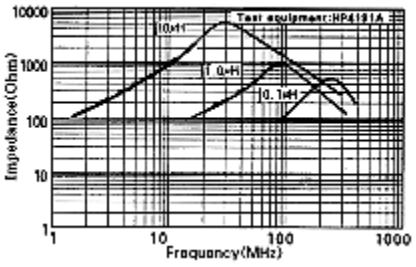
Inductance Characteristics



Q Characteristics



Impedance Characteristics



Temperature Characteristics