

**SPECIFICATIONS**

## 3216 TYPE

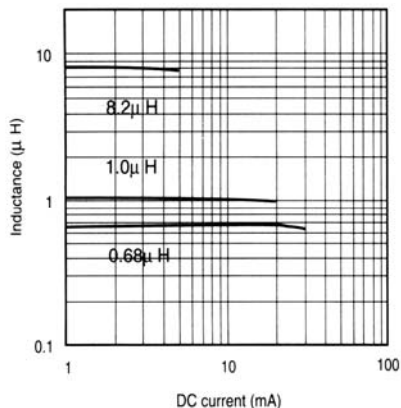
Part Number	Inductance	Min. Quality Factor	L, Q Test Freq.L/Q	Min.Self-resonant Frequency	Max. DC Resistance	Max. Rated Current	Thickness
Units	$\mu$ H	-	MHz	MHz	$\Omega$	mA	mm [inch]
Symbol	L	Q	Freq.	S.R.F	DCR	I <sub>r</sub>	T
3216L47N □TF	0.047	20	50	320	0.15	300	0.85±0.2 [.033±.008]
3216L68N □TF	0.068	20	50	280	0.25	300	
3216LR10 □TF	0.1	20	25	235	0.25	250	
3216LR12 □TF	0.12	20	25	220	0.3	250	
3216LR15 □TF	0.15	20	25	200	0.3	250	
3216LR18 □TF	0.18	20	25	185	0.4	250	
3216LR22 □TF	0.22	20	25	170	0.4	250	
3216LR27 □TF	0.27	20	25	150	0.5	250	
3216LR33 □TF	0.33	20	25	145	0.5	250	
3216LR39 □TF	0.39	25	25	135	0.5	200	
3216LR47 □TF	0.47	25	25	125	0.6	200	
3216LR56 □TF	0.56	25	25	115	0.7	150	
3216LR68 □TF	0.68	25	25	105	0.8	150	
3216LR82 □TF	0.82	25	25	100	0.9	150	
3216Q1R0 □TF	1.0	45	10	75	0.4	100	
3216Q1R2 □TF	1.2	45	10	65	0.5	100	
3216Q1R5 □TF	1.5	45	10	60	0.5	50	
3216Q1R8 □TF	1.8	45	10	55	0.5	50	
3216Q2R2 □TF	2.2	45	10	50	0.6	50	
3216Q2R7 □TF	2.7	45	10	45	0.6	50	
3216Q3R3 □TF	3.3	45	10	41	0.7	50	
3216Q3R9 □TF	3.9	45	10	38	0.8	50	
3216Q4R7 □TF	4.7	45	10	35	0.9	50	
3216S5R6 □TF	5.6	50	4	32	0.7	25	
3216S6R8 □TF	6.8	50	4	29	0.8	25	
3216S8R2 □TF	8.2	50	4	26	0.9	25	
3216S100 □TF	10	50	2	24	1	25	
3216S120 □TF	12	50	2	22	1.05	15	
3216T150 □TF	15	35	1	19	0.7	5	
3216T180 □TF	18	35	1	18	0.7	5	
3216T220 □TF	22	35	1	16	0.9	5	
3216T270 □TF	27	35	1	14	0.9	5	
3216T330 □TF	33	35	1	13	1.05	5	1.10±0.2 [.043±.008]
3216T390 □TF	39	40	2	11	3	5	
3216T470 □TF	47	40	2	10	3.4	5	

※□: Please specify the inductance tolerance code (I=±7%,K=±10%,L=±15%, M=±20%). The product with tolerance less than ±7% is also available. Please contact your local sales.

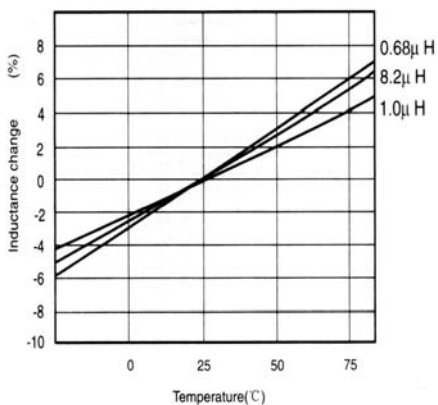
TYPICAL ELECTRICAL CHARACTERISTICS

1005 TYPE

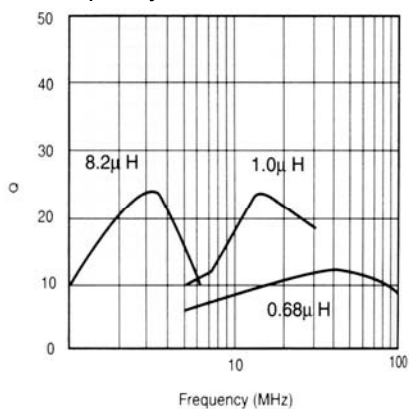
Inductance vs. DC Current Characteristics



Inductance vs. Temperature Characteristics

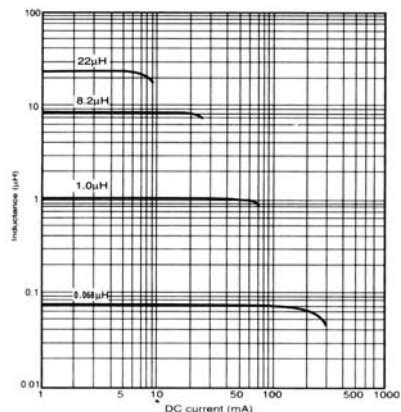


Q vs. Frequency Characteristics

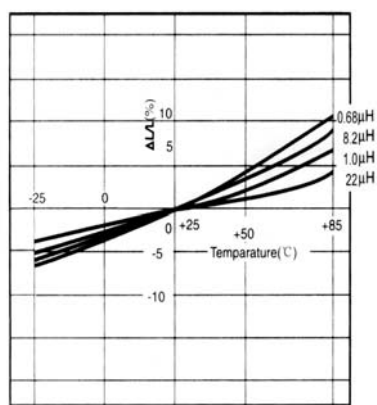


1608 TYPE

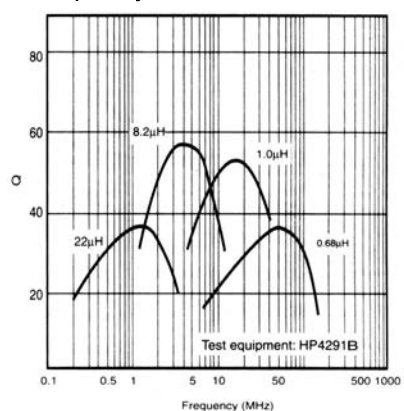
Inductance vs. DC Current Characteristics



Inductance vs. Temperature Characteristics

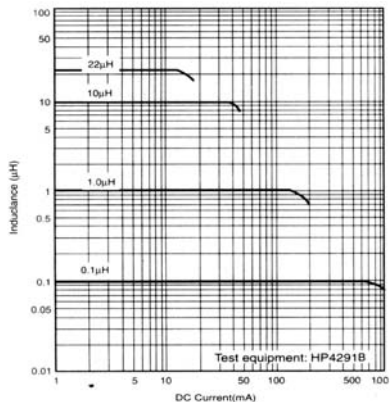


Q vs. Frequency Characteristics

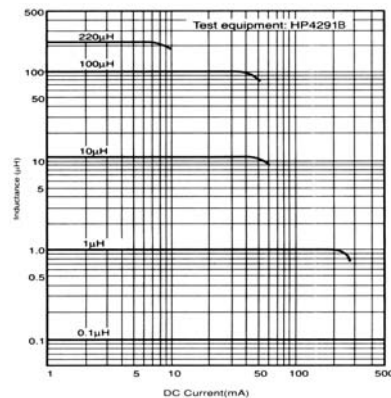


TYPICAL ELECTRICAL CHARACTERISTICS

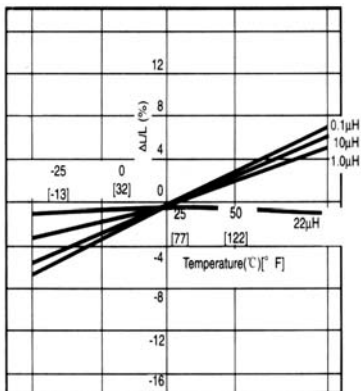
2012 Type  
Inductance vs. DC Current Characteristics



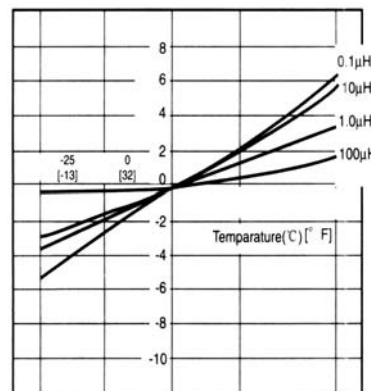
3216 Type  
Inductance vs. DC Current Characteristics



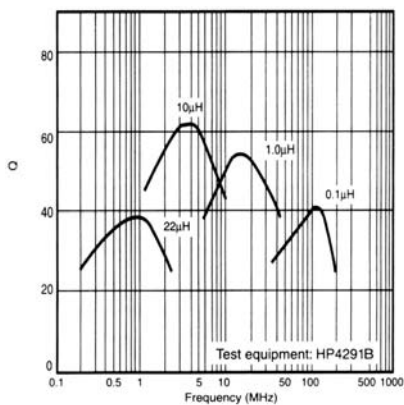
Inductance vs. Temperature Characteristics



Inductance vs. Temperature Characteristics



Q vs. Frequency Characteristics



Q vs. Frequency Characteristics

