

SMD Multilayer Chip Inductors

Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q min		Q Typical At					Self Resonant Frequency (MHz) Typical	DC Resistance () Max	IDC (mA) Max	
			At	At	50	100	300	500	800				
			50MHz	100MHz	MHz	MHz	MHz	MHz	MHz				
JMC1608T-1N0S-	1.0	S		8		12				60	10000	0.10	500
JMC1608T-1N2S-	1.2	S		8		13				60	10000	0.10	500
JMC1608T-1N5S-	1.5	S		8		13				57	8000	0.10	500
JMC1608T-1N8S-	1.8	S		8		13				51	8000	0.10	500
JMC1608T-2N2S-	2.2	S		8		13				46	7200	0.10	500
JMC1608T-2N7S-	2.7	S		10		13				46	6200	0.10	500
JMC1608T-3N3 -	3.3	S/ K		10		13				47	5200	0.12	500
JMC1608T-3N9 -	3.9	S/ K		10		13				47	5000	0.14	500
JMC1608T-4N7 -	4.7	S/ K		10		13				41	4750	0.16	500
JMC1608T-5N6 -	5.6	S/ K		10		13				41	4100	0.18	500
JMC1608T-6N8 -	6.8	J/ K		10		13				44	3750	0.22	500
JMC1608T-8N2 -	8.2	J/ K		10		13				44	3300	0.24	500
JMC1608T-10N -	10	J/ K		12		13				45	3000	0.26	300
JMC1608T-12N -	12	J/ K		12		15				46	2600	0.28	300
JMC1608T-15N -	15	J/ K		12		15				48	2500	0.32	300
JMC1608T-18N -	18	J/ K		12		15				48	2400	0.35	300
JMC1608T-22N -	22	J/ K		12		17				45	2000	0.40	300
JMC1608T-27N -	27	J/ K		12		17				43	1900	0.45	300
JMC1608T-33N -	33	J/ K		12		18				39	1600	0.55	300
JMC1608T-39N -	39	J/ K		12		18		37			1400	0.60	300
JMC1608T-47N -	47	J/ K		12		18		35			1300	0.70	300
JMC1608T-56N -	56	J/ K		12		18		32			1100	0.75	300
JMC1608T-62N -	62	J/ K		12		18		34			1050	0.85	300
JMC1608T-68N -	68	J/ K		12		18		34			1050	0.85	300
JMC1608T-82N -	82	J/ K		12		18		32			900	1.00	300
JMC1608T-R10 -	100	J/ K		12		18		20			770	1.20	300
JMC1608T-R12 -	*120	J/ K	8			14		20			850	2.30	250
JMC1608T-R15 -	*150	J/ K	8			15		16			550	2.40	250
JMC1608T-R18 -	*180	J/ K	8			15		16			520	2.70	250

- * at 50MHz
- Tolerance: 1st □ : S = ±0.3 nH ; J = ±5% ; K = ±10%
- Packaging : 2nd □ : □=4,000 pcs/Reel ; -1=10,000 pcs/Reel
- Test Conditions : L/Q : HP4291A+HP16192A
SRF : HP4291A+HP16192A
RDC : HP4338B/ CH502BC
IDC : HP4291A+HP6632A