

SMD Multilayer Chip Inductors -

Electrical Characteristics

Part Number	Inductance (nH) at 100MHz	Tolerance	Q min At		Q Typical At			Self Resonant Frequency (MHz) Typical	DC Resistance () Max	IDC (mA) Max
			50MHz	100MHz	50MHz	100MHz	800MHz			
JMC2012T-1N0□-	1.0	S	10		13	40	> 6000	0.10	300	
JMC2012T-1N2□-	1.2	S	10		13	40	> 6000	0.10	300	
JMC2012T-1N5□-	1.5	S	10		13	40	> 6000	0.10	300	
JMC2012T-1N8□-	1.8	S	10		13	45	> 6000	0.10	300	
JMC2012T-2N2□-	2.2	S	10		13	48	> 6000	0.10	300	
JMC2012T-2N7□-	2.7	S	12		13	48	> 6000	0.10	300	
JMC2012T-3N3□-	3.3	S / K	12		15	56	> 6000	0.13	300	
JMC2012T-3N9□-	3.9	S / K	12		15	54	5400	0.15	300	
JMC2012T-4N7□-	4.7	S / K	12		15	50	4500	0.20	300	
JMC2012T-5N6□-	5.6	S / K	12		15	53	4000	0.23	300	
JMC2012T-6N8□-	6.8	J / K	15		15	51	3650	0.25	300	
JMC2012T-8N2□-	8.2	J / K	15		15	53	3000	0.28	300	
JMC2012T-10N□-	10	J / K	15		16	45	2500	0.30	300	
JMC2012T-12N□-	12	J / K	15		16	48	2450	0.35	300	
JMC2012T-15N□-	15	J / K	15		17	48	2000	0.40	300	
JMC2012T-18N□-	18	J / K	15		17	43	1750	0.45	300	
JMC2012T-22N□-	22	J / K	15		17	40	1700	0.50	300	
JMC2012T-27N□-	27	J / K	15		18	38	1550	0.55	300	
JMC2012T-33N□-	33	J / K	15		19	35	1350	0.60	300	
JMC2012T-39N□-	39	J / K	18		21	37	1300	0.65	300	
JMC2012T-47N□-	47	J / K	18		21	38	1200	0.70	300	
JMC2012T-56N□-	56	J / K	18		21	31	1150	0.75	300	
JMC2012T-68N□-	68	J / K	18		21	28	1000	0.80	300	
JMC2012T-82N□-	82	J / K	18		22	16	850	0.90	300	
JMC2012T-R10□-	100	J / K	18		23		730	1.00	300	
JMC2012T-R12□-	* 120	J / K	13	16	22		650	1.20	300	
JMC2012T-R15□-	* 150	J / K	13	16	22		550	1.40	300	
JMC2012T-R18□-	* 180	J / K	13	16	23		500	1.80	300	
JMC2012T-R22□-	* 220	J / K	12	14	20		450	2.00	300	
JMC2012T-R27□-	* 270	J / K	12	14	20		400	2.50	200	
JMC2012T-R33□-	* 330	J / K	12	14	22		380	3.00	200	

● * at 50MHz

● Tolerance : □ : S = ± 0.3nH J = ± 5% K = ± 10%

● Test Conditions : Agilent E4991A : Agilent 16197A

SRF : HP8753D

RDC : HP4338B/ CH502BC