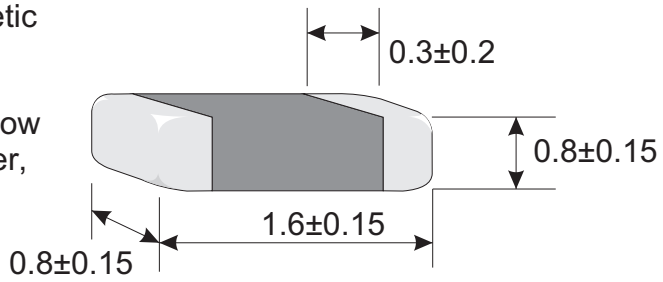
SURFACE MOUNT INDUCTORS
II1608 Series: 0603 Multilayer

INTRODUCTION

These products are produced using magnetic materials and multilayer technology. There are no windings. This is a complete monolythic structure that is applicable for flow and reflow soldering. Terminations are silver, nickel, then tin plated.



Size 0603

Size in mm

TYPE	THICKNESS (mm) ±0.15	INDUCTANCE H ±10%(K) or ±20%(M)	Q (min)	L, Q TEST FREQ. (MHz)	SRF (MHz) min	DC RESISTANCE (max)	RATED CURRENT mA(max)
II1608K47M	0.8	0.047(M)	10	50	260	0.30	50
II1608K68M	0.8	0.068(M)	10	50	250	0.30	50
II1608K82M	0.8	0.082(M)	10	50	245	0.30	50
II1608KR10	0.8	0.10	15	25	240	0.50	50
II1608KR12	0.8	0.12	15	25	205	0.50	50
II1608KR15	0.8	0.15	15	25	180	0.60	50
II1608KR18	0.8	0.18	15	25	165	0.60	50
II1608KR22	0.8	0.22	15	25	150	0.80	50
II1608KR27	0.8	0.27	15	25	136	0.80	50
II1608KR33	0.8	0.33	15	25	125	0.85	35
II1608KR39	0.8	0.39	15	25	110	1.00	35
II1608KR47	0.8	0.47	15	25	105	1.35	35
II1608KR56	0.8	0.56	15	25	95	1.55	35
II1608KR68	0.8	0.68	15	25	80	1.70	35
II1608KR82	0.8	0.82	15	25	75	2.10	35
II1608K1R0	0.8	1.0	35	10	70	0.60	25
II1608K1R2	0.8	1.2	35	10	60	0.80	25
II1608L1R5	0.8	1.5	35	10	55	0.80	25
II1608K1R8	0.8	1.8	35	10	50	0.95	25
II1608K2R2	0.8	2.2	35	10	45	1.15	15
II1608K2R7	0.8	2.7	35	10	40	1.35	15
II1608K3R3	0.8	3.3	20	10	38	1.55	15
II1608K3R9	0.8	3.9	20	10	36	1.70	15
II1608L4R7	0.8	4.7	20	10	33	2.10	15
II1608K5R6	0.8	5.6	25	4	22	1.55	5
II1608K6R8	0.8	6.8	25	4	20	1.70	5
II1608K8R2	0.8	8.2	25	4	18	2.10	5
II1608K100	0.8	10.0	20	2	17	2.55	5
II1608K120	0.8	12.0	20	2	15	2.75	5

Performance curves are on page C4BB05.