

# MULTI-LAYER POWER INDUCTORS

## PART NUMBERS & CHARACTERISTIC

### ◆ IF1608\_S Series (EIA 0603)

Ordering Code	Inductance [nH]	Inductance Tolerance	Measuring frequency [MHz]	DC Resistance [ $\Omega$ ] Max.	Rated Current (mA) Max.	Q (min)	SRF (min.)	Thickness [mm] (max.)	Packing
IF1608R56	560	$\pm 5\%$	25	0.85	300	25	80	0.80 $\pm$ 0.15	7" Paper 4kpcs

### ◆ IF1005\_L Series (0402)

Ordering Code	Inductance [ $\mu$ H]	Inductance Tolerance	Measuring frequency [MHz]	DC Resistance [ $\Omega$ ] Max.	Rated Current (mA) (Max.)	Q (min)	SRF (min.)	Thickness [mm] (max.)	Packing
IF10051R0	1.00	$\pm 10\%$	1.0	1.000	10	25	120	0.50 $\pm$ 0.05	7" Paper 10kpcs

### ◆ IF1608\_L Series (0603)

Ordering Code	Inductance [ $\mu$ H]	Inductance Tolerance	Measuring frequency [MHz]	DC Resistance [ $\Omega$ ] Max.	Rated Current (mA) (Max.)	Q	SRF	Thickness [mm] (max.)	Packing
IF1608R10	0.10	$\pm 10\%$	25.0	0.500	50	15	240	0.80 $\pm$ 0.15	
IF1608R12	0.12	$\pm 10\%$	25.0	0.500	50	15	205	0.80 $\pm$ 0.15	
IF1608R15	0.15	$\pm 10\%$	25.0	0.600	50	15	180	0.80 $\pm$ 0.15	
IF1608R18	0.18	$\pm 10\%$	25.0	0.600	50	15	165	0.80 $\pm$ 0.15	
IF1608R22	0.22	$\pm 10\%$	25.0	0.800	50	15	150	0.80 $\pm$ 0.15	
IF1608R27	0.27	$\pm 10\%$	25.0	0.800	50	15	136	0.80 $\pm$ 0.15	
IF1608R33	0.33	$\pm 10\%$	25.0	0.850	35	15	125	0.80 $\pm$ 0.15	
IF1608R39	0.39	$\pm 10\%$	25.0	1.000	35	15	110	0.80 $\pm$ 0.15	
IF1608R47	0.47	$\pm 10\%$	25.0	1.350	35	15	105	0.80 $\pm$ 0.15	
IF1608R56	0.56	$\pm 10\%$	25.0	1.550	35	15	95	0.80 $\pm$ 0.15	
IF1608R68	0.68	$\pm 10\%$	25.0	1.700	35	15	90	0.80 $\pm$ 0.15	
IF1608R82	0.82	$\pm 10\%$	25.0	2.100	35	15	85	0.80 $\pm$ 0.15	
IF16081R0	1.00	$\pm 10\%$	10.0	0.600	25	35	75	0.80 $\pm$ 0.15	
IF16081R5	1.50	$\pm 10\%$	10.0	0.800	25	35	60	0.80 $\pm$ 0.15	
IF16082R2	2.20	$\pm 10\%$	10.0	1.150	15	35	50	0.80 $\pm$ 0.15	
IF16084R7	4.70	$\pm 10\%$	10.0	2.100	15	35	33	0.80 $\pm$ 0.15	
IF16086R8	6.80	$\pm 10\%, \pm 20\%$	10.0	1.700	10	35	20	0.80 $\pm$ 0.15	
IF1608100	10.00	$\pm 10\%$	2.0	1.850	3	30	17	0.80 $\pm$ 0.15	
IF1608150	15.00	$\pm 10\%$	1.0	1.700	1	20	14	0.80 $\pm$ 0.15	
IF1608220	22.00	$\pm 10\%$	1.0	2.100	1	15	11	0.80 $\pm$ 0.15	