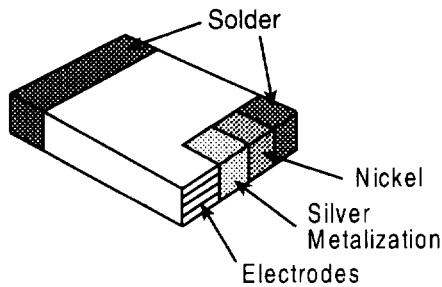
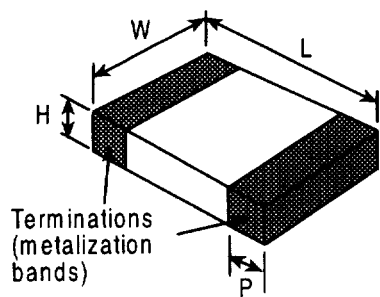


MULTI LAYER FERRITE INDUCTORS

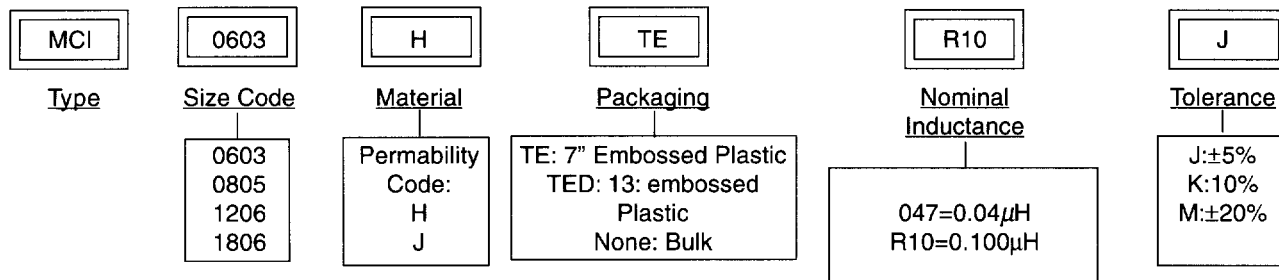
- Monolithic structure for closed magnetic path eliminates crosstalk and provides high reliability in a wide range of temperature and humidity ranges
- Standard EIA Packages: 0603, 0805, 1206, 1806
- Nickel Barrier with solder overcoat for excellent solderability
- Magnetically Shielded

TYPE	L	W	H	P
0603	0.063±0.006 (1.600.15)	0.031±0.006 (0.80)0.15)	0.031±0.006 (0.800.15)	0.014±0.006 (0.360.15)
0805	0.079±0.008 (2.00±0.20)	0.049±0.008 (1.25±0.20)	0.035±0.008 (0.90±0.20)	0.020±0.0100 (0.51±0.25)
1206	0.126±0.008 (3.20±0.20)	0.063±0.010 (1.60±0.20)	0.043±0.008 (1.10±0.20)	0.020±0.010 (0.51±0.25)
1806	0.177±0.010 (4.50±0.25)	0.063±0.010 (1.60±0.25)	0.063±0.010 (1.60±0.25)	0.020±0.010 (0.51±0.25)

DIMENSIONS



ORDERING & SPECIFYING INFORMATION*



*Please Note: KSE's Part Numbers Do Not Contain any Spaces or Hyphens.

STANDARD APPLICATIONS continued

TYPE	Ind. L(μH)	Min Q	LQ Test Frequency (MHz)	S.R.F. Mhz Type	DC. Res (max.)Ω	Allowable DC Current Max. (mA)	Operating Temp
MCI0603HTE047*	0.047	10	50	260	0.30	50	-25°C to 85°C
MCI0603HTE068*	0.068	10	50	250	0.30	50	
MCI0603HTE082*	0.082	10	50	245	0.30	50	
MCI0603HTE10*	0.10	15	25	240	0.50	50	
MCI0603HTE12*	0.12	15	25	205	0.50	50	
MCI0603HTE15*	0.15	15	25	180	0.60	50	
MCI0603HTE18*	0.18	15	25	165	0.60	50	
MCI0603HTE22*	0.22	15	25	150	0.80	50	
MCI0603HTE27*	0.27	15	25	136	0.80	50	
MCI0603HTE33*	0.33	15	25	125	0.85	35	
MCI0603HTE39*	0.39	15	25	110	1.00	35	
MCI0603HTE47*	0.47	15	25	105	1.35	35	
MCI0603HTE56*	0.56	15	25	95	1.55	35	
MCI0603HTE68*	0.68	15	25	90	1.70	35	
MCI0603HTE82*	0.82	15	25	85	2.10	35	
MCI0805HTE047*	0.047	15	50	320	0.20	300	
MCI0805HTE068*	0.068	15	50	280	0.20	300	
MCI0805HTE082*	0.082	15	50	255	0.20	300	
MCI0805HTE10*	0.10	20	25	235	0.30	250	
MCI0805HTE12*	0.12	20	25	220	0.30	250	
MCI0805HTE15*	0.15	20	25	200	0.40	250	
MCI0805HTE18*	0.18	20	25	185	0.40	250	
MCI0805HTE22*	0.22	20	25	170	0.50	250	
MCI0805HTE27*	0.27	20	25	150	0.50	250	
MCI0805HTE33*	0.33	20	25	145	0.56	250	
MCI0805HTE39*	0.39	25	25	135	0.65	200	
MCI0805HTE47*	0.47	25	25	125	0.65	200	
MCI0805HTE56*	0.56	25	25	115	0.75	150	
MCI0805HTE68*	0.68	25	25	105	0.80	150	
MCI0805HTE82*	0.82	25	25	100	1.00	150	
MCI1206HTE047*	0.047	20	50	320	0.15	300	
MCI1206HTE068*	0.068	20	50	280	0.25	300	
MCI1206HTE10*	0.10	20	25	235	0.25	250	
MCI1206HTE12*	0.12	20	25	220	0.30	250	
MCI1206HTE15*	0.15	20	25	200	0.30	250	
MCI1206HTE18*	0.18	20	25	185	0.40	250	
MCI1206HTE22*	0.22	20	25	170	0.40	250	
MCI1206HTE27*	0.27	20	25	150	0.50	250	
MCI1206HTE33*	0.33	20	25	145	0.60	250	
MCI1206HTE39*	0.39	25	25	135	0.50	200	
MCI1206HTE47*	0.47	25	25	125	0.60	200	
MCI1206HTE56*	0.56	25	25	115	0.70	150	
MCI1206HTE68*	0.68	25	25	105	0.80	150	
MCI1206HTE82*	0.82	25	25	100	0.90	150	
MCI1206JTE102	1.0	45	10	75	0.40	100	
MCI1206JTE122	1.2	45	10	65	0.50	100	
MCI1206JTE152	1.5	45	10	60	0.50	50	
MCI1206JTE182	1.8	45	10	55	0.50	50	
MCI1206JTE222	2.2	45	10	50	0.60	50	
MCI1206JTE272	2.7	45	10	45	0.60	50	
MCI1206JTE332	3.3	45	10	41	0.70	50	
MCI1206JTE392	3.9	45	10	38	0.80	50	
MCI1206JTE472	4.7	45	10	35	0.90	50	

TE: Embossed Plastic *Add Tolerance Character (J,K,M)
Other values available upon request