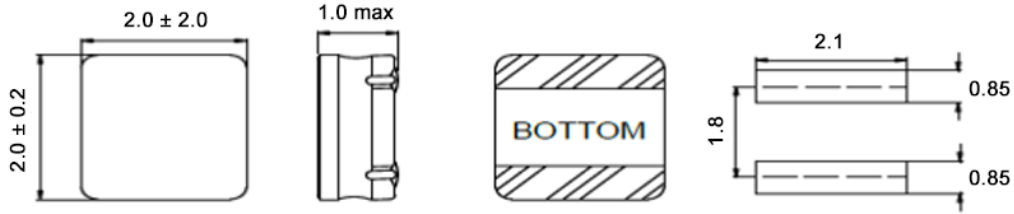


# FTC14P

POWER INDUCTORS FOR SURFACE MOUNTING



## SPECIFICATION

Part NO	Thickness	Inductance (uH)	Tolerance	DC Resistance		Heat Rating Current	Saturation Current	Measuring Condition
				(mΩ)		DC Amp.	DC Amps.	
				Typ.	Max.	Idc(A) Typ.	Isat(A) Typ.	
FTC14P-R33	1.0mm	0.33	± 20%	30	36	4.10	7.30	1MHz,1V
FTC14P-R47		0.47	± 20%	37	44.5	3.60	6.60	1MHz,1V
FTC14P-R68		0.68	± 20%	52	62	3.10	4.40	1MHz,1V
FTC14P-1R0		1.0	± 20%	67	80	2.95	4.10	1MHz,1V
FTC14P-1R5		1.5	± 20%	88	106	2.25	3.45	1MHz,1V
FTC14P-2R2		2.2	± 20%	124	150	1.85	3.20	1MHz,1V
FTC14P-3R3		3.3	± 20%	185	222	1.45	2.50	1MHz,1V
FTC14P-4R7		4.7	± 20%	240	290	1.30	2.15	1MHz,1V
FTC14P-6R8		6.8	± 20%	360	435	1.15	1.70	1MHz,1V
FTC14P-100		10	± 20%	440	530	0.96	1.55	1MHz,1V
FTC14P-R24		1.2mm	0.24	± 20%	18.5	22.2	4.80	7.10
FTC14P-R33	0.33		± 20%	25.0	30.0	4.70	7.00	1MHz,1V
FTC14P-R47	0.47		± 20%	28.5	34.5	4.60	5.50	1MHz,1V
FTC14P-R68	0.68		± 20%	33.5	40.2	3.90	4.00	1MHz,1V
FTC14P-1R0	1.0		± 20%	46.5	55.5	3.50	3.70	1MHz,1V
FTC14P-1R5	1.5		± 20%	66.5	80.0	3.00	2.90	1MHz,1V
FTC14P-2R2	2.2		± 20%	93.0	111.0	2.60	2.50	1MHz,1V
FTC14P-3R3	3.3		± 20%	128.0	154.0	2.20	1.90	1MHz,1V
FTC14P-4R7	4.7		± 20%	190.0	230.0	1.85	1.60	1MHz,1V
FTC14P-6R8	6.8		± 20%	220.0	265.0	1.60	1.35	1MHz,1V
FTC14P-100	10	± 20%	345.0	415.0	1.30	1.20	1MHz,1V	

All test data are referenced to 25°C ambient.

- ※ Isat: DC current(A) that will cause inductance to drop approximately 30%.
- ※ Idc: DC current(A) that will cause an approximate ΔT of 40°C.