

# LCF 2220H Wirewound Ferrite Chip Inductor



Part Number	Inductance (μH)	Tolerance (±%)	Test Freq. (MHz)	DCR (Ω) Max	SRF (MHz) min	Rated Current (mA) Max
LCF2220H-R12	0.12	20	1 MHz	0.0098	450	6000
LCF2220H-R27	0.27	20	1 MHz	0.0140	300	5300
LCF2220H-R47	0.47	20	1 MHz	0.0182	200	4800
LCF2220H-1R0	1.0	20	1 MHz	0.0270	150	4000
LCF2220H-1R5	1.5	20	1 MHz	0.0310	110	3700
LCF2220H-2R2	2.2	20	1 MHz	0.0410	80	3200
LCF2220H-3R3	3.3	20	1 MHz	0.0500	40	2900
LCF2220H-4R7	4.7	20	1 MHz	0.0574	30	2700
LCF2220H-6R8	6.8	20	1 MHz	0.1040	25	2000
LCF2220H-100	10	10 / 20	1 MHz	0.1300	20	1700
LCF2220H-150	15	10 / 20	1 MHz	0.210	17	1400
LCF2220H-220	22	10 / 20	1 MHz	0.266	15	1200
LCF2220H-330	33	10 / 20	1 MHz	0.448	12	900
LCF2220H-470	47	10 / 20	1 MHz	0.560	10	800
LCF2220H-680	68	10 / 20	1 MHz	0.938	7.6	640
LCF2220H-101	100	10 / 20	100kHz	1.204	6.5	560
LCF2220H-151	150	10 / 20	100kHz	2.660	5.0	420
LCF2220H-221	220	10 / 20	100kHz	3.360	4.0	320
LCF2220H-331	330	10 / 20	100kHz	6.160	3.1	270
LCF2220H-471	470	10 / 20	100kHz	7.560	2.4	240
LCF2220H-681	680	10 / 20	100kHz	11.34	1.9	190
LCF2220H-102	1000	10 / 20	10kHz	14.42	1.7	150
LCF2220H-222	2200	10 / 20	10kHz	30.10	1.2	100
LCF2220H-472	4700	10 / 20	10kHz	61.04	0.8	70
LCF2220H-103	10000	10 / 20	10kHz	140.0	0.5	50

Rated Current : Self temperature rise shall be limited to 35° C Max. Inductance drop 10% typ.  
 Operating temp : -25° C ~ 85° C.  
 Soldering Heat : 230° C 10 seconds after 150° C preheat cycle for 4 minutes.

Test equipment: L: HP4192. LF Impedance Analyzer  
 SRF: HP4291A RF Impedance Analyzer  
 DCR: CHEN HWA 502 BC