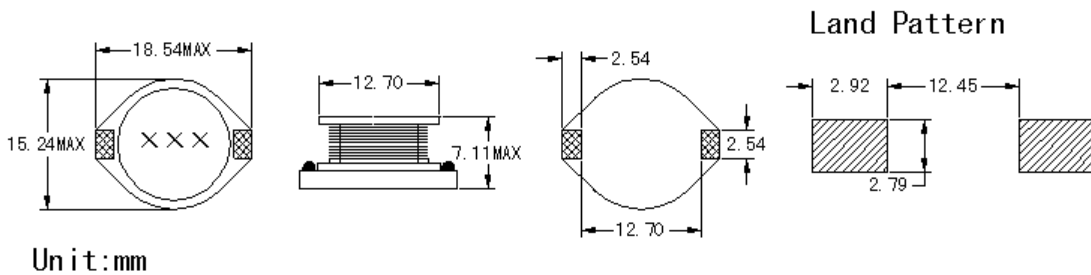


SMD Power Inductors JHP5022F Series



JHP5022F Series of surface mount inductors, Open Magnetic circuit construction, designed for the smallest possible size, lowest cost and highest performance.

Mainly used by DC-DC conversion in notebook computers, PDAs, step-up or step-down converters, flash memory programmers, etc.



Unit:mm

P/N	L (uH) ±20%	DCR(mohm) Max	SRF (Mhz)	Isat (A)	Irms (A)
JHP5022F-1R0M	1.0	9	80	20.00	8.60
JHP5022F-2R2M	2.2	14	80	16.00	7.10
JHP5022F-3R3M	3.3	18	60	14.00	6.20
JHP5022F-5R6M	5.6	20	40	12.00	5.30
JHP5022F-100M	10.0	31	30	10.00	4.30
JHP5022F-150M	15.0	36	22	8.00	4.00
JHP5022F-220M	22.0	47	20	7.00	3.50
JHP5022F-330M	33.0	66	15	5.50	3.00
JHP5022F-470M	47.0	95	9	4.50	2.60
JHP5022F-680M	68.0	130	8	3.50	2.30
JHP5022F-101M	100.0	190	7	3.00	1.80
JHP5022F-151M	150.0	250	6	2.60	1.50
JHP5022F-221M	220.0	380	5	2.40	1.20
JHP5022F-331M	330.0	560	4	1.90	1.00
JHP5022F-471M	470.0	850	3	1.40	0.82
JHP5022F-681M	680.0	1100	2.5	1.20	0.72
JHP5022F-102M	1000.0	1800	2	1.00	0.56

1. Inductance tested at 100KHz, 0.1V;
2. SRF > 13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4. $\Delta T = 40^\circ\text{C}$ rise typ. at Irms;
5. Operating temperature range -25°C to $+125^\circ\text{C}$;
6. Electrical specifications at $+25^\circ\text{C}$;

Packing :
Reel size: 32 mm
Quantity: 250 PCS/Reel

Special inquiries besides the above common used types can be met on your requirement.

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