

SMD POWER INDUCTORS



MODEL NO. : SPC-07050P HF SERIES (646CY COMPATIBLE)

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



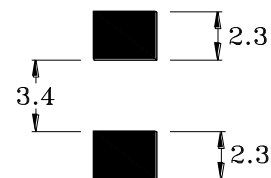
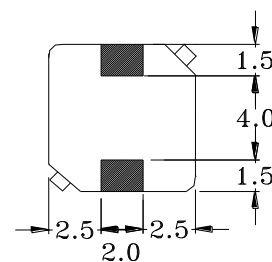
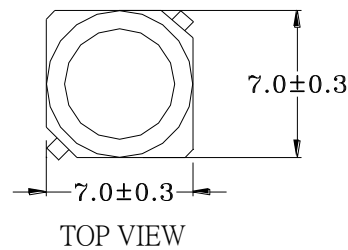
APPLICATION :

- * NOTEBOOK COMPUTERS.
- * DC-DC CONVERTORS.
- * DC-AC INVERTERS.
- * PDA.
- * DIGITAL STILL CAMERAS.
- * PC CAMERAS.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) ±20%	DCR MAX (Ω)	RATED CURRENT (ADC)
SPC-07050P-1R0 HF	1.0	0.020	2.88
SPC-07050P-1R5 HF	1.5	0.020	2.61
SPC-07050P-2R2 HF	2.2	0.025	2.46
SPC-07050P-3R3 HF	3.3	0.035	2.28
SPC-07050P-4R7 HF	4.7	0.041	2.08
SPC-07050P-6R8 HF	6.8	0.047	1.94
SPC-07050P-100 HF	10	0.050	1.68
SPC-07050P-120 HF	12	0.055	1.54
SPC-07050P-150 HF	15	0.060	1.39
SPC-07050P-180 HF	18	0.090	1.26
SPC-07050P-220 HF	22	0.11	1.13
SPC-07050P-270 HF	27	0.15	1.02
SPC-07050P-330 HF	33	0.17	0.84
SPC-07050P-390 HF	39	0.18	0.80
SPC-07050P-470 HF	47	0.22	0.76
SPC-07050P-560 HF	56	0.28	0.64
SPC-07050P-680 HF	68	0.32	0.60
SPC-07050P-820 HF	82	0.39	0.57
SPC-07050P-101 HF	100	0.46	0.50
SPC-07050P-121 HF	120	0.52	0.47
SPC-07050P-151 HF	150	0.73	0.40
SPC-07050P-181 HF	180	0.78	0.39
SPC-07050P-221 HF	220	0.94	0.33
SPC-07050P-271 HF	270	1.25	0.31
SPC-07050P-331 HF	330	1.40	0.27
SPC-07050P-391 HF	390	1.52	0.27
SPC-07050P-471 HF	470	1.70	0.25
SPC-07050P-561 HF	560	2.39	0.23
SPC-07050P-681 HF	680	2.50	0.21
SPC-07050P-821 HF	820	3.00	0.20
SPC-07050P-102 HF	1000	3.50	0.18

PHYSICAL DIMENSION : (UNIT:mm)



TOLERANCE : ±0.3

NOTE (1): Test frequency: 10 kHz, 1 Vrms.

NOTE (2): The rated current indicates the value of DC current is approximately 25% lower than its initial value of inductance and ΔT=40°C approximately.

NOTE(3): Operating temperature range: -30°C ~ +85°C.

PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",1000PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm