

SMD POWER INDUCTORS

MODEL NO. : SPC-0704P ERIES (CDRH74 COMPATIBLE)

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.



APPLICATION :

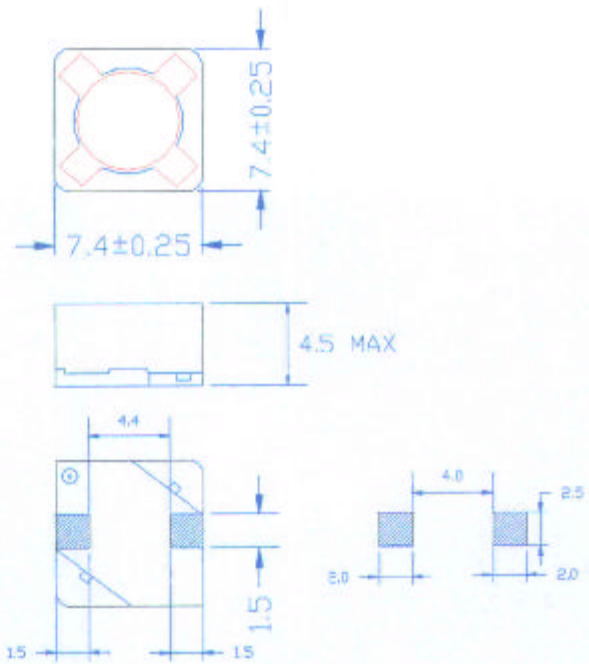
- * NOTEBOOK COMPUTERS.
- * DC-DC CONVERTORS.
- * DC-AC INVERTERS.
- * PDA.
- * DIGITAL STILL CAMERAS.
- * PC CAMERAS.

ELECTRICAL SPECIFICATION:

PHYSICAL DIMENSION :

(UNIT:mm)

PART NO.	INDUCTANCE (μ H) \pm 20%	D.C.R. MAX (Ω)	RATED CURRENT (A)
SPC-0704P-100	10	0.049	1.84
SPC-0704P-120	12	0.058	1.71
SPC-0704P-150	15	0.081	1.47
SPC-0704P-180	18	0.090	1.31
SPC-0704P-220	22	0.11	1.23
SPC-0704P-270	27	0.15	1.12
SPC-0704P-330	33	0.17	0.96
SPC-0704P-390	39	0.23	0.91
SPC-0704P-470	47	0.26	0.88
SPC-0704P-560	56	0.35	0.75
SPC-0704P-680	68	0.38	0.69
SPC-0704P-820	82	0.43	0.61
SPC-0704P-101	100	0.61	0.60
SPC-0704P-121	120	0.66	0.52
SPC-0704P-151	150	0.88	0.46
SPC-0704P-181	180	0.98	0.42
SPC-0704P-221	220	1.17	0.36
SPC-0704P-271	270	1.64	0.34
SPC-0704P-331	330	1.86	0.32
SPC-0704P-391	390	2.85	0.29
SPC-0704P-471	470	3.01	0.26
SPC-0704P-561	560	3.62	0.23
SPC-0704P-681	680	4.63	0.22
SPC-0704P-821	820	5.20	0.20
SPC-0704P-102	1000	6.00	0.18



TOLERANCE : \pm 0.3

PCB PATTERN

NOTE(1): TEST FREQUENCY: 1 kHz, 1 VRMS.

NOTE(2): THIS INDICATES THE VALUE OF DC CURRENT WHICH THE INDUCTANCE IS 10% LOWER THAN ITS INITIAL VALUE AND/OR • T = 40°C UNDER THIS DC CURRENT BIAS.