

SMD POWER INDUCTORS

MODEL NO. : SPC-1205P SERIES (CDRH125 COMPATIBLE)

FEATURES:

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



APPLICATION :

- * NOTEBOOK COMPUTERS.
- * DC-DC CONVERTORS.
- * DC-AC INVERTER.

ELECTRICAL SPECIFICATION:

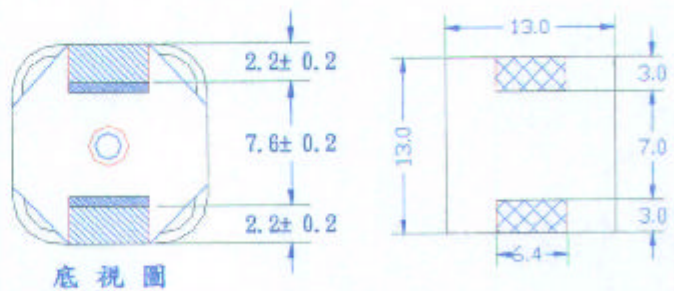
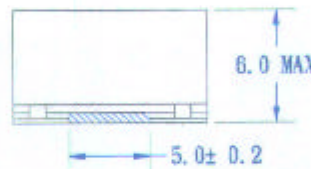
PHYSICAL DIMENSION :

(UNIT:mm)

PART NO.	INDUCTANCE (uH)	D.C.R. MAX (Ω)	RATED CURRENT (ADC)
SPC-1205P-2F2	2.2	0.011	7.00
SPC-1205P-4F7	4.7	0.014	5.00
SPC-1205P-8F2	8.2	0.023	4.80
SPC-1205P-100	10	0.027	4.50
SPC-1205P-120	12	0.027	3.50
SPC-1205P-150	15	0.030	3.30
SPC-1205P-180	18	0.034	3.00
SPC-1205P-220	22	0.043	2.80
SPC-1205P-270	27	0.055	2.30
SPC-1205P-330	33	0.060	2.10
SPC-1205P-390	39	0.068	2.00
SPC-1205P-470	47	0.075	1.80
SPC-1205P-560	56	0.11	1.70
SPC-1205P-680	68	0.14	1.50
SPC-1205P-820	82	0.19	1.40
SPC-1205P-101	100	0.22	1.30
SPC-1205P-121	120	0.23	1.10
SPC-1205P-151	150	0.25	1.00
SPC-1205P-181	180	0.29	0.90
SPC-1205P-221	220	0.40	0.80
SPC-1205P-271	270	0.46	0.75
SPC-1205P-331	330	0.51	0.68
SPC-1205P-391	390	0.69	0.65
SPC-1205P-471	470	0.77	0.58
SPC-1205P-561	560	0.86	0.54
SPC-1205P-681	680	1.20	0.48
SPC-1205P-821	820	1.34	0.43
SPC-1205P-102	1000	1.53	0.40



俯视图



底视图

TOLERANCE : ± 0.3

NOTE(1): TEST FREQUENCY: 2.2uH~4.7uH:100KHZ,1VRMS,10uH~1000uH:1 KHZ ,1VRMS.

NOTE(2): 2.2uH~8.2uH +40%-20%,10uH~1000uH± 20%.

NOTE(3):AT VALUE OF INDUCTANCE WHEN IS 10% DOWN FROM FIRST VALUE AS CHARACTERISTICS OF D.C. CURRENT WHEN TEMPERATURE OF COIL INCREASED UP TO 40°C.(Ta=20°C) ;