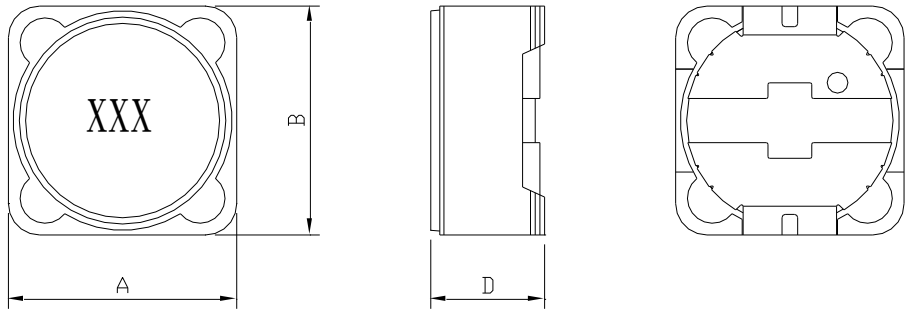
PART NUMBER SYSTEM

CPCH 1207 – 300

- 300 — Inductance
- 1207 — Dimensions
- CPCH — Type

DIMENSIONS

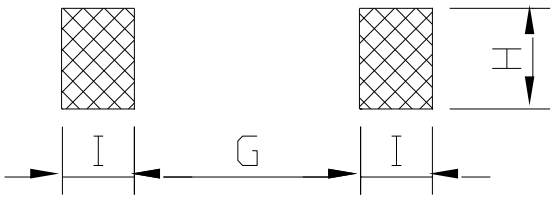
UNIT：mm



A=12.5 Max. B=12.5 Max. D=8.0 Max.

RECOMMENDED PATTERNS

UNIT：mm



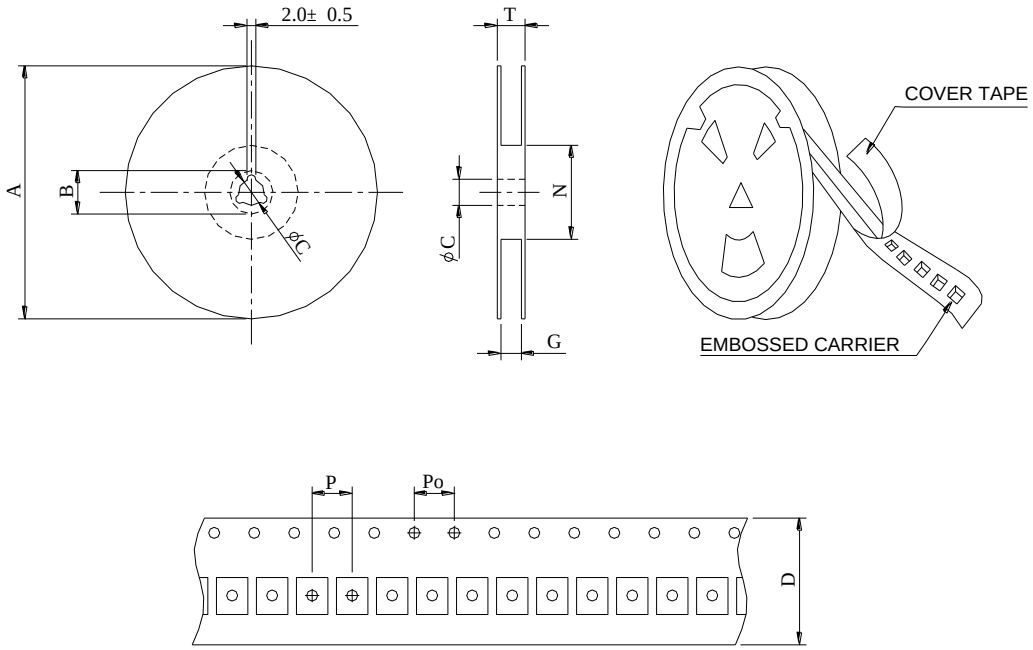
G=7.0 H=5.4 I=2.9

SERIES LIST

No.	Part No.	Inductance (μH)	RDC (mΩ) (Max.)	Isat (A) (Max.)	Irms (A) (Max.)	Test Fq. (f)
1	**CPCH1207H-R47M**	0.47±20%	2.438	56.0	17.9	100KHz
2	**CPCH1207H-1R0M**	1.00±20%	3.913	40.0	15.5	100KHz
3	**CPCH1207H-1R5M**	1.50±20%	4.263	31.1	13.5	100KHz
4	**CPCH1207H-2R2M**	2.20±20%	5.025	25.5	12.5	100KHz
5	**CPCH1207H-3R3M**	3.30±20%	7.088	21.5	10.5	100KHz
6	**CPCH1207H-4R7M**	4.70±20%	11.463	16.5	8.25	100KHz
7	**CPCH1207H-6R8M**	6.80±20%	14.500	13.3	7.34	100KHz
8	**CPCH1207H-8R2M**	8.20±20%	19.625	12.2	6.32	100KHz
9	**CPCH1207H-100M**	10.0±20%	21.500	11.2	6.04	100KHz
10	**CPCH1207H-150M**	15.0±20%	30.875	9.66	5.03	100KHz
11	**CPCH1207H-220M**	22.0±20%	48.875	7.57	4.00	100KHz
12	**CPCH1207H-330M**	33.0±20%	75.00	6.22	3.23	100KHz
13	**CPCH1207H-470M**	47.0±20%	89.88	5.28	2.95	100KHz
14	**CPCH1207H-680M**	68.0±20%	131.25	4.44	2.44	100KHz
15	**CPCH1207H-820M**	82.0±20%	178.75	4.06	2.09	100KHz
16	**CPCH1207H-101M**	100±20%	203.75	3.64	1.96	100KHz
17	**CPCH1207H-151M**	150±20%	308.75	3.01	1.59	100KHz
18	**CPCH1207H-221M**	220±20%	470.00	2.43	1.29	100KHz
19	**CPCH1207H-331M**	330±20%	717.50	2.01	1.04	100KHz
20	**CPCH1207H-471M**	470±20%	1076.25	1.68	0.85	100KHz
21	**CPCH1207H-681M**	680±20%	1350.0	1.39	0.76	100KHz
22	**CPCH1207H-821M**	820±20%	1837.5	1.27	0.65	100KHz
23	**CPCH1207H-102M**	1000±20%	2075.0	1.14	0.61	100KHz

- DC current at which the inductance drops 30% (typ) from its value without current.
- Operating temperature range -40℃ to +125℃.
- Electrical specifications at 25℃ .

PACKAGING



SERIES	STAYLE	Q'TY (PCS)	DIMENSIONS (m/m)								
			A	B±0.8	C±0.5	D	G^{+0}	N^{-0}	P	Po	T
CPCH1207H	13-24	400	330	21	13	24	26	50	16	4	30.4