DELTA P/N : SIQ127RL Series

Mechanical dimensions

RECOMMENDED PAD PATTERNS
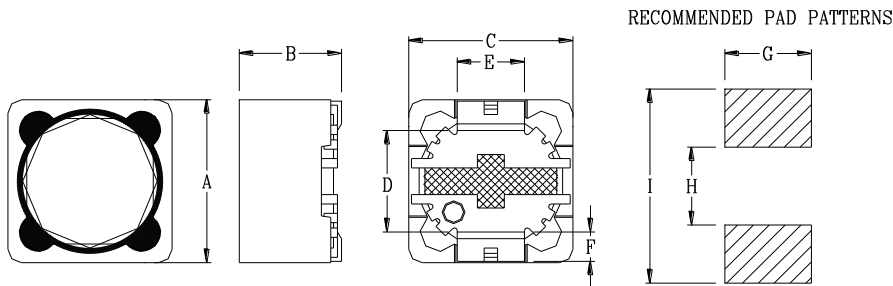
Dimensions (Unit : mm)	
A	12.2 ± 0.3
B	8.0 MAX
C	12.2 ± 0.3
D	7.6 ± 0.3
E	5.0
F	2.2
G	5.4
H	7.0
I	12.8

Electrical Characteristics @25℃ , 100KHz, 0.1V for0.75~7.4uH, 1KHz ,1V for 10~1000uH

Delta P/N	L^1 (uH)	DCR (mΩ) MAX	$Irated^2$ (Adc)
SIQ127RL-R75	0.75	4.2	18
SIQ127RL-1R2	1.2	6.5	14
SIQ127RL-2R4	2.4	10.5	10.3
SIQ127RL-3R5	3.5	12.4	9.3
SIQ127RL-4R6	4.6	13.8	9.1
SIQ127RL-5R8	5.8	16.2	8.6
SIQ127RL-7R4	7.4	17.7	7.4
SIQ127RL-100	10	19.5	6.7
SIQ127RL-120	12	21.3	6.45
SIQ127RL-150	15	26.4	5.65
SIQ127RL-180	18	28.0	5.1
SIQ127RL-220	22	36.4	4.7
SIQ127RL-270	27	41.6	4.2
SIQ127RL-330	33	53.3	3.9
SIQ127RL-390	39	60.5	3.5
SIQ127RL-470	47	78	3.25
SIQ127RL-560	56	90	2.9
SIQ127RL-680	68	120	2.6
SIQ127RL-820	82	140	2.4
SIQ127RL-101	100	151	2.1
SIQ127RL-121	120	169	1.9
SIQ127RL-151	150	227	1.8
SIQ127RL-181	180	299	1.55
SIQ127RL-221	220	338	1.45
SIQ127RL-271	270	419	1.3
SIQ127RL-331	330	471	1.2
SIQ127RL-391	390	572	1.1
SIQ127RL-471	470	741	1.0
SIQ127RL-561	560	852	0.95
SIQ127RL-681	680	1130	0.85
SIQ127RL-821	820	1240	0.75
SIQ127RL-102	1000	1500	0.70

1. Tolerance of inductance : +40%/-20% for 0.75~7.4uH, ±20% for 10~1000uH.
2. Irated is the DC current which cause the inductance drop less than 25% of it's nominal inductance without current and the surface temperature of the part increase less than 45 ℃.
3. Operating temperature: -40℃ to 125℃ (Self-temperature rise included).

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1812J1K00473KXT 1812J2K00680JCT 1812J4K00102MXT 1812J5000102JCT 1812J5000103JCT 1812J5000682JCT NIN-FB391JTRF

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2220J3K00102KXT 2225J2500824KXT CCR07CG103KM CGA2B2C0G1H010C CGA2B2C0G1H040C CGA2B2C0G1H050C

CGA2B2C0G1H060D CGA2B2C0G1H070D CGA2B2C0G1H151J CGA2B2C0G1H1R5C CGA2B2C0G1H2R2C CGA2B2C0G1H3R3C

CGA2B2C0G1H680J CGA2B2C0G1H6R8D CGA2B2X8R1H221K CGA2B2X8R1H472K CGA3E1X7R1C474K

CGA3E2C0G1H561JT0Y0N