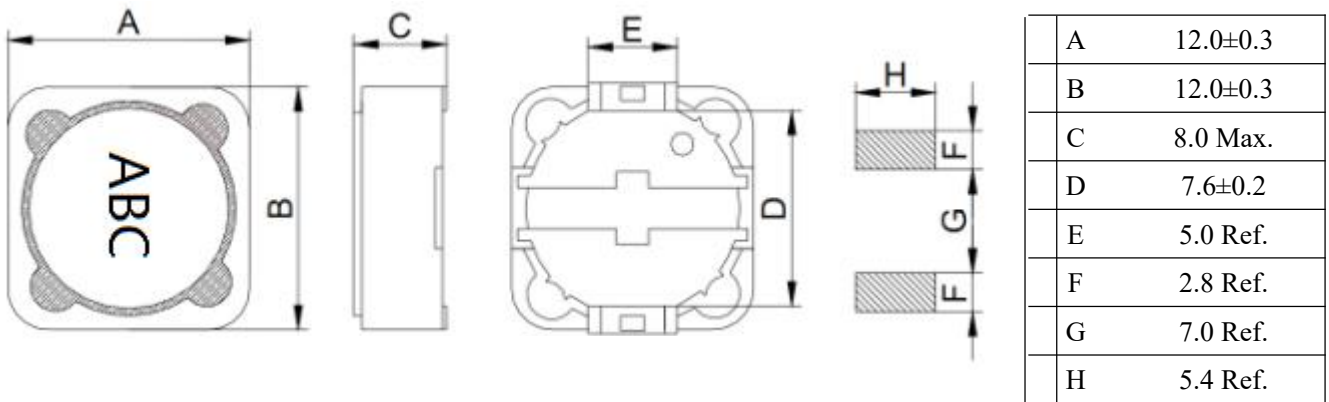


1 Dimension :

Unit: mm

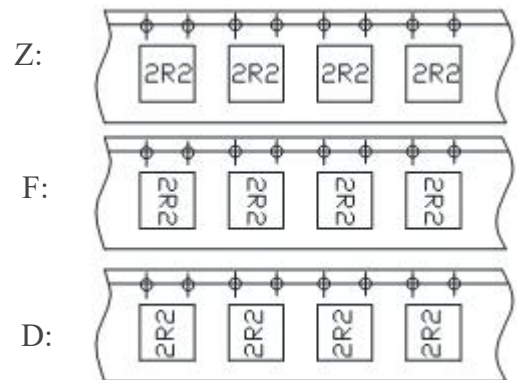


2 Product Spec. Model

KSE - CD / 127 / LDNP - 100 N C
 a b c e f g

KSE Brand

- a: Series name
- b: Product dimensions code
- c: Low current & Lead-free
- e: Inductance Value
(1R0:1.0uH; 100: 10uH; 101:100uH)
- f: Inductance Tolerance (K:10% ; M:20% ; N:30%)
- g: Package (C: Tape&Reel、 B: Bulk)



F- direction (typ.)

3 MATERIAL LIST

NO.	PARTS	MATERIAL SPECIFICATIONS	UL FILE NO.	TEMP. CLASS
1	CORE	TW25A RI 12.1*6.6*10.7T TW40A DR 10*7*6.2STD OR EQUIVALENT	NA	NA
2	WIRE	G1 P180 OR EQUIVALENT	E258243	180°C
3	ADHESIVE	6020H-6-5 OR EQUIVALENT	NA	NA
4	BASE	C-1200 MS-5 P1	NA	NA
5	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	NA	NA

*NA:NOT APPLICABLE.

4 Electrical Characteristics List

Part NO.	Inductance (uH)	Test Freq. (kHz/v)	DCR Max (Ω)	Isat (A)
KSE-CD127/LDNP-1R2NC	1.2	100/0.25	0.007	9.80
KSE-CD127/LDNP-2R4NC	2.4	100/0.25	0.012	8.00
KSE-CD127/LDNP-3R5NC	3.5	100/0.25	0.014	7.50
KSE-CD127/LDNP-4R7NC	4.7	100/0.25	0.016	6.80
KSE-CD127/LDNP-6R1NC	6.1	100/0.25	0.018	6.60
KSE-CD127/LDNP-7R6NC	7.6	100/0.25	0.020	5.90
KSE-CD127/LDNP-100NC	10	100/0.25	0.022	5.40
KSE-CD127/LDNP-120MC	12	100/0.25	0.024	4.90
KSE-CD127/LDNP-150MC	15	100/0.25	0.030	4.50
KSE-CD127/LDNP-180MC	18	100/0.25	0.039	3.90
KSE-CD127/LDNP-220MC	22	100/0.25	0.043	3.60
KSE-CD127/LDNP-270MC	27	100/0.25	0.046	3.40
KSE-CD127/LDNP-330MC	33	100/0.25	0.065	3.00
KSE-CD127/LDNP-390MC	39	100/0.25	0.073	2.75
KSE-CD127/LDNP-470MC	47	100/0.25	0.100	2.50
KSE-CD127/LDNP-560MC	56	100/0.25	0.110	2.35
KSE-CD127/LDNP-680MC	68	100/0.25	0.140	2.10
KSE-CD127/LDNP-820MC	82	100/0.25	0.160	1.95
KSE-CD127/LDNP-101MC	100	100/0.25	0.220	1.70
KSE-CD127/LDNP-121MC	120	100/0.25	0.250	1.60
KSE-CD127/LDNP-151MC	150	100/0.25	0.280	1.42
KSE-CD127/LDNP-181MC	180	100/0.25	0.350	1.30
KSE-CD127/LDNP-221MC	220	100/0.25	0.390	1.16
KSE-CD127/LDNP-271MC	270	100/0.25	0.560	1.06
KSE-CD127/LDNP-331MC	330	100/0.25	0.640	0.95
KSE-CD127/LDNP-391MC	390	100/0.25	0.700	0.88
KSE-CD127/LDNP-471MC	470	100/0.25	0.980	0.79
KSE-CD127/LDNP-561MC	560	100/0.25	1.070	0.73
KSE-CD127/LDNP-681MC	680	100/0.25	1.460	0.67
KSE-CD127/LDNP-821MC	820	100/0.25	1.640	0.60
KSE-CD127/LDNP-102MC	1000	100/0.25	1.820	0.55

Tolerance: N:±30%、M:±20%、K:±10%.

Operating temperature rang: -40 °C to +105°C (Including Self-heating)

Storage temperature rang: -40 °C to +125°C

The rated DC current is that which cause at 25%Max inductance reduction from the initial value.