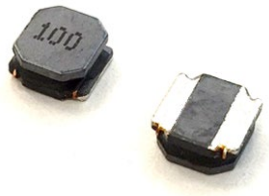
SDIA453226 Series

Features :

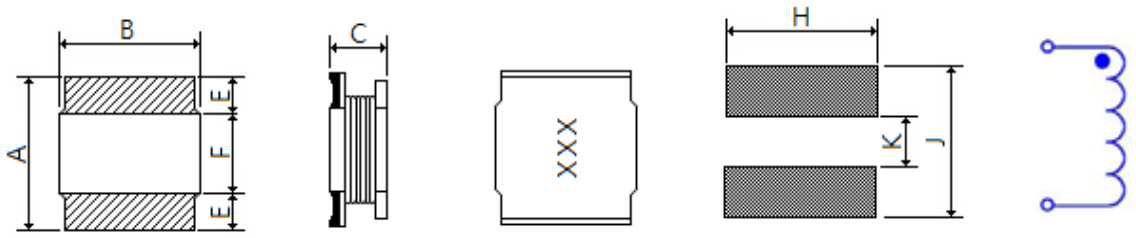
- DC power supply circuit
- Operating temperature range of -25°C to +105°C
- Storage temperature range of -40°C to +125°C
- Resistance to solder heat : 250°C 10secs
- Low DC resistance, High current capacity and high impedance characteristics
- Excellent solder heat resistance, Both flow and reflow soldering methods can be employed

Applications :

- LCD panels , Power line choke , DC-DC converter , laptops and PC



Shapes And Dimensions : (Unit :mm)



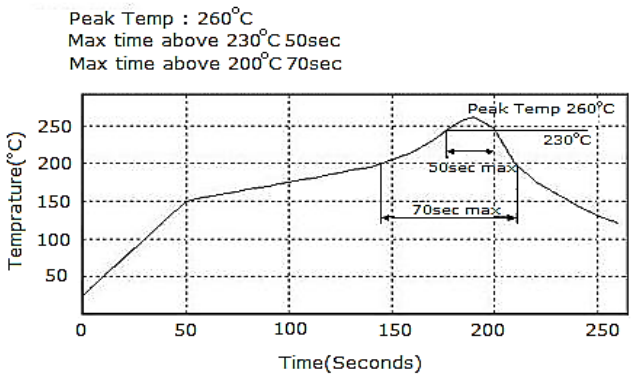
Type	A	B	C	E (ref.)	F (ref.)	H (ref.)	J (ref.)	K (ref.)
SDIA453226	4.5 ± 0.3	3.2 ± 0.2	2.6 ± 0.2	1.4	1.7	3.7	5.2	1.0

Part Number Code :

SDIA	453226	-1R5	M	-E
1	2	3	4	5

1. Product type
2. Size code
3. Inductance value (1R5 : 1.5uH 150 : 15uH)
4. Tolerance : N±30% M±20% L±15% K±10% J±5%
5. E: Lead free, Rohs compliant

Reflow Profile :



RoHS Compliant

SDIA453226 Series

Part No.	L (uH)	Tolerance	Test Freq.	DCR(Ω) (max.)	IDC (A) (max.)
SDIA453226-1R0	1.00	M	100KHz 0.25V	0.200	0.500
SDIA453226-1R2	1.20	M	100KHz 0.25V	0.200	0.500
SDIA453226-1R5	1.50	M	100KHz 0.25V	0.300	0.500
SDIA453226-1R8	1.80	M	100KHz 0.25V	0.300	0.500
SDIA453226-2R2	2.20	M	100KHz 0.25V	0.300	0.500
SDIA453226-2R7	2.70	M	100KHz 0.25V	0.320	0.500
SDIA453226-3R3	3.30	M	100KHz 0.25V	0.350	0.500
SDIA453226-3R9	3.90	M	100KHz 0.25V	0.380	0.500
SDIA453226-4R7	4.70	M	100KHz 0.25V	0.400	0.500
SDIA453226-5R6	5.60	M	100KHz 0.25V	0.470	0.500
SDIA453226-6R8	6.80	M	100KHz 0.25V	0.500	0.450
SDIA453226-8R2	8.20	M	100KHz 0.25V	0.560	0.450
SDIA453226-100	10.00	M / K	1.0KHz 0.25V	0.560	0.400
SDIA453226-120	12.00	M / K	1.0KHz 0.25V	0.620	0.380
SDIA453226-130	13.00	M / K	1.0KHz 0.25V	0.680	0.370
SDIA453226-150	15.00	M / K	1.0KHz 0.25V	0.730	0.360
SDIA453226-180	18.00	M / K	1.0KHz 0.25V	0.820	0.340
SDIA453226-220	22.00	M / K	1.0KHz 0.25V	0.940	0.320
SDIA453226-270	27.00	M / K	1.0KHz 0.25V	1.100	0.300
SDIA453226-330	33.00	M / K	1.0KHz 0.25V	1.200	0.270
SDIA453226-390	39.00	M / K	1.0KHz 0.25V	1.400	0.240
SDIA453226-470	47.00	M / K	1.0KHz 0.25V	1.500	0.220
SDIA453226-560	56.00	M / K	1.0KHz 0.25V	1.700	0.200
SDIA453226-680	68.00	M / K	1.0KHz 0.25V	1.900	0.180
SDIA453226-820	82.00	M / K	1.0KHz 0.25V	2.200	0.170
SDIA453226-101	100.00	M / K	1.0KHz 0.25V	2.500	0.160
SDIA453226-121	120.00	M / K	1.0KHz 0.25V	3.000	0.150
SDIA453226-151	150.00	M / K	1.0KHz 0.25V	3.700	0.130
SDIA453226-181	180.00	M / K	1.0KHz 0.25V	4.500	0.120
SDIA453226-221	220.00	M / K	1.0KHz 0.25V	5.400	0.110
SDIA453226-271	270.00	M / K	1.0KHz 0.25V	6.800	0.100
SDIA453226-331	330.00	M / K	1.0KHz 0.25V	8.200	0.095
SDIA453226-391	390.00	M / K	1.0KHz 0.25V	9.700	0.090
SDIA453226-471	470.00	M / K	1.0KHz 0.25V	11.800	0.080
SDIA453226-561	560.00	M / K	1.0KHz 0.25V	14.500	0.070
SDIA453226-681	680.00	M / K	1.0KHz 0.25V	17.000	0.065
SDIA453226-821	820.00	M / K	1.0KHz 0.25V	20.500	0.060

Part No.	L (uH)	Tolerance	Test Freq.	DCR(Ω) (max.)	IDC (A) (max.)
SDIA453226-102	1000.00	M / K	1.0KHz 0.25V	25.000	0.050
SDIA453226-122	1200.00	M / K	1.0KHz 0.25V	30.000	0.045
SDIA453226-152	1500.00	M / K	1.0KHz 0.25V	37.000	0.040
SDIA453226-182	1800.00	M / K	1.0KHz 0.25V	45.000	0.035
SDIA453226-202	2000.00	M / K	1.0KHz 0.25V	49.000	0.034
SDIA453226-222	2200.00	M / K	1.0KHz 0.25V	50.000	0.030
SDIA453226-502	5000.00	M / K	1.0KHz 0.25V	156.600	0.020
SDIA453226-103	10000.00	M / K	1.0KHz 0.25V	285.000	0.015

Code "-E" : Lead free process and RoHs compliant
Inductanc tolerance : N±30% M±20% L±15% K±10% J±5%
IDC : ▵L/L(0A)≦10%