

SCB0704 Series

Features :

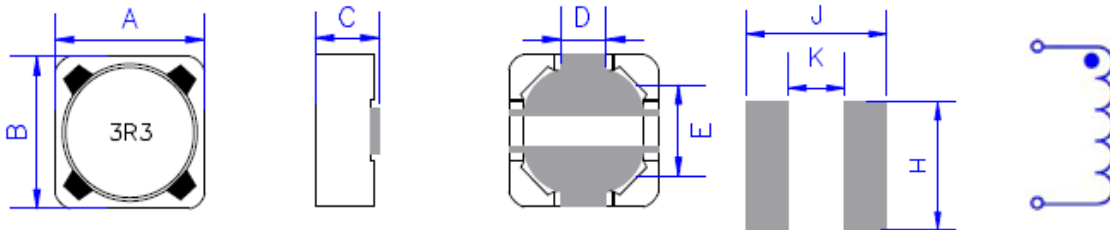
- DC power supply circuit
- Operating temperature range of -25°C to +105°C
- Storage temperature range of -40°C to +125°C
- Resistance to solder heat : 250°C 10secs
- Low DC resistance, High current capacity and high impedance characteristics
- Excellent solder heat resistance, Both flow and reflow soldering 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 (max.)	D (ref.)	E (ref.)	H (ref.)	J (ref.)	K (ref.)
SCB0704	7.3 ± 0.2	7.3 ± 0.2	4.5	1.8	5.0	2.2	8.0	4.8

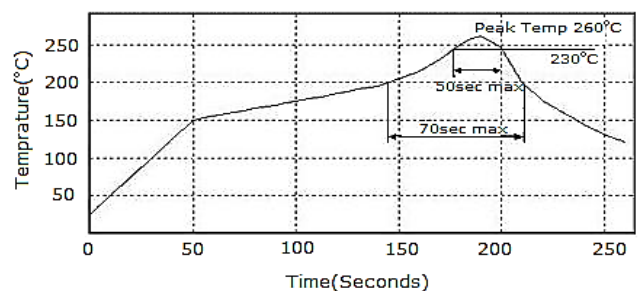
Part Number Code :

SCB 0704 -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 :

Peak Temp : 260°C
Max time above 230°C 50sec
Max time above 200°C 70sec



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Part No.	L (uH)	Tolerance	Test Freq.	DCR(Ω) (max.)	IDC (A) (max.)
SCB0704-R33	0.33	N	100KHz 0.25V	0.013	10.500
SCB0704-1R0	1.00	M	100KHz 0.25V	0.020	8.000
SCB0704-1R5	1.50	N	100KHz 0.25V	0.024	6.500
SCB0704-2R2	2.20	M	100KHz 0.25V	0.030	6.000
SCB0704-2R9	2.90	N	100KHz 0.25V	0.032	3.500
SCB0704-3R3	3.30	M	100KHz 0.25V	0.035	3.100
SCB0704-3R9	3.90	N	100KHz 0.25V	0.045	3.000
SCB0704-4R0	4.00	N	100KHz 0.25V	0.047	3.000
SCB0704-4R7	4.70	N	100KHz 0.25V	0.051	3.000
SCB0704-5R5	5.50	N	100KHz 0.25V	0.060	2.500
SCB0704-5R6	5.60	N	100KHz 0.25V	0.060	2.500
SCB0704-6R8	6.80	M	1.0KHz 0.25V	0.045	3.000
SCB0704-100	10.00	M	1.0KHz 0.25V	0.049	1.840
SCB0704-120	12.00	M	1.0KHz 0.25V	0.058	1.710
SCB0704-150	15.00	M	1.0KHz 0.25V	0.080	1.470
SCB0704-180	18.00	M	1.0KHz 0.25V	0.091	1.310
SCB0704-220	22.00	M	1.0KHz 0.25V	0.110	1.230
SCB0704-270	27.00	M	1.0KHz 0.25V	0.160	1.100
SCB0704-330	33.00	M	1.0KHz 0.25V	0.170	0.960
SCB0704-390	39.00	K	1.0KHz 0.25V	0.250	1.200
SCB0704-470	47.00	M	1.0KHz 0.25V	0.260	0.880
SCB0704-560	56.00	M	1.0KHz 0.25V	0.300	0.800
SCB0704-680	68.00	M	1.0KHz 0.25V	0.380	0.690
SCB0704-820	82.00	M	1.0KHz 0.25V	0.410	0.640
SCB0704-101	100.00	M	1.0KHz 0.25V	0.610	0.600
SCB0704-121	120.00	M	1.0KHz 0.25V	0.660	0.520
SCB0704-151	150.00	M	1.0KHz 0.25V	0.880	0.460
SCB0704-181	180.00	M	1.0KHz 0.25V	0.980	0.420
SCB0704-221	220.00	M	1.0KHz 0.25V	1.170	0.360
SCB0704-271	270.00	M	1.0KHz 0.25V	1.720	0.400
SCB0704-331	330.00	M	1.0KHz 0.25V	1.860	0.320
SCB0704-391	390.00	M	1.0KHz 0.25V	2.500	0.300
SCB0704-471	470.00	M	1.0KHz 0.25V	3.010	0.260
SCB0704-561	560.00	M	1.0KHz 0.25V	4.000	0.240
SCB0704-681	680.00	M	1.0KHz 0.25V	4.630	0.220
SCB0704-821	820.00	N / M	1.0KHz 0.25V	4.800	0.200
SCB0704-102	1000.00	M	1.0KHz 0.25V	6.000	0.180
SCB0704-122	1200.00	M	1.0KHz 0.25V	7.200	0.300
SCB0704-202	2000.00	N / M	100KHz 0.25V	13.500	0.150
SCB0704-103	10000.00	M	100KHz 0.25V	51.000	0.075

Code "-E" : Lead free process and RoHs compliant

Inductance tolerance : N±30% M±20% L±15% K±10% J±5%

IDC : $\Delta L/L(0A) \leq 30\%$