

SLF06028 Series

Features :

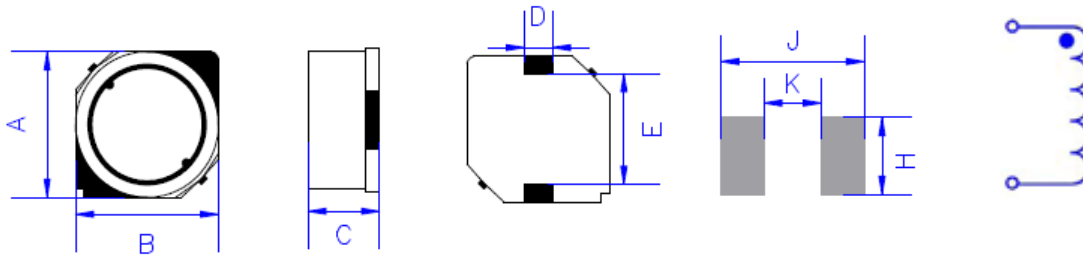
- DC power supply circuit
- Operating temperature range of -25°C to +105°C
- Storage temperature range of -40°C to +125°C
- Resistance to solder heat : 250°C 10secs
- Low DC resistance, High current capacity and high impedance characteristics
- Excellent solder heat resistance, Both flow and reflow soldering 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	D	E (ref.)	H (ref.)	J (ref.)	K (ref.)
SLF06028	6.0 ± 0.2	6.0 ± 0.2	2.8 ± 0.2	2.0 ± 0.5	3.0	2.3	6.6	2.8

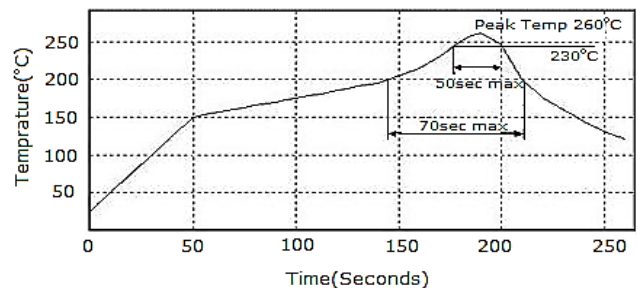
Part Number Code :

SLF 06028 -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) (±20%)	IDC (A) (max.)
SLF06028-1R0	1.00	N / M	100KHz 0.25V	0.024	2.100
SLF06028-1R5	1.50	N / M	100KHz 0.25V	0.025	2.000
SLF06028-1R8	1.80	N / M	100KHz 0.25V	0.026	1.950
SLF06028-2R2	2.20	N / M	100KHz 0.25V	0.022	1.900
SLF06028-2R8	2.80	N / M	100KHz 0.25V	0.025	1.800
SLF06028-3R3	3.30	N / M	100KHz 0.25V	0.030	1.700
SLF06028-3R5	3.50	N / M	100KHz 0.25V	0.030	1.700
SLF06028-4R1	4.10	N / M	100KHz 0.25V	0.035	1.650
SLF06028-4R7	4.70	N / M	100KHz 0.25V	0.037	1.600
SLF06028-5R6	5.60	N / M	100KHz 0.25V	0.044	1.550
SLF06028-6R8	6.80	N / M	100KHz 0.25V	0.049	1.500
SLF06028-8R2	8.20	N / M	100KHz 0.25V	0.061	1.350
SLF06028-100	10.00	M	1.0KHz 0.25V	0.068	1.300
SLF06028-120	12.00	M	1.0KHz 0.25V	0.081	1.100
SLF06028-150	15.00	M	1.0KHz 0.25V	0.109	1.000
SLF06028-180	18.00	M	1.0KHz 0.25V	0.129	0.870
SLF06028-220	22.00	M	1.0KHz 0.25V	0.139	0.770
SLF06028-270	27.00	M	1.0KHz 0.25V	0.179	0.710
SLF06028-330	33.00	M	1.0KHz 0.25V	0.209	0.690
SLF06028-390	39.00	M	1.0KHz 0.25V	0.239	0.610
SLF06028-470	47.00	M	1.0KHz 0.25V	0.289	0.590
SLF06028-560	56.00	M	1.0KHz 0.25V	0.329	0.510
SLF06028-680	68.00	M	1.0KHz 0.25V	0.379	0.500
SLF06028-820	82.00	M	1.0KHz 0.25V	0.459	0.430
SLF06028-101	100.00	M	1.0KHz 0.25V	0.609	0.420
SLF06028-121	120.00	M	1.0KHz 0.25V	0.659	0.330
SLF06028-151	150.00	M	1.0KHz 0.25V	0.919	0.300
SLF06028-181	180.00	M	1.0KHz 0.25V	1.049	0.280
SLF06028-221	220.00	M	1.0KHz 0.25V	1.219	0.250
SLF06028-271	270.00	M	1.0KHz 0.25V	1.598	0.220
SLF06028-331	330.00	M	1.0KHz 0.25V	1.789	0.210
SLF06028-391	390.00	M	1.0KHz 0.25V	2.289	0.200
SLF06028-471	470.00	M	1.0KHz 0.25V	2.689	0.180
SLF06028-561	560.00	M	1.0KHz 0.25V	3.198	0.160
SLF06028-681	680.00	M	1.0KHz 0.25V	4.310	0.150
SLF06028-821	820.00	M	1.0KHz 0.25V	4.698	0.130
SLF06028-102	1000.00	M	1.0KHz 0.25V	5.790	0.120
SLF06028-122	1200.00	M	1.0KHz 0.25V	6.997	0.110
SLF06028-152	1500.00	M	1.0KHz 0.25V	9.196	0.100
SLF06028-182	1800.00	M	1.0KHz 0.25V	11.295	0.090
SLF06028-222	2200.00	M	1.0KHz 0.25V	12.994	0.085
SLF06028-252	2500.00	M	1.0KHz 0.25V	14.890	0.080
SLF06028-272	2700.00	M	1.0KHz 0.25V	15.990	0.075
SLF06028-332	3300.00	M	1.0KHz 0.25V	18.990	0.072
SLF06028-392	3900.00	M	1.0KHz 0.25V	26.480	0.063
SLF06028-472	4700.00	M	1.0KHz 0.25V	29.188	0.060
SLF06028-562	5600.00	M	1.0KHz 0.25V	36.980	0.055
SLF06028-682	6800.00	M	1.0KHz 0.25V	43.480	0.048
SLF06028-822	8200.00	M	1.0KHz 0.25V	48.480	0.045

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

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

IDC: $\Delta L/L(\text{OA}) \leq 30\%$