SMD Power Inductors—SCDR0703-129 Series

正旭電子有限公司
Jeng Shi Electronics Co.,Ltd.

Standard Specifications

Stamp	Inductance (uH)	SCDR0703		SCDR0704		SCDR124		SCDR125		SCDR127		SCDR129	
		DCR (mΩ) Max	Isat (A) Typ	DCR (mΩ) Max	Isat (A) Typ	DCR (mΩ) Max	Isat (A) Typ	DCR (mΩ) Max	Isat (A) Typ	DCR (mΩ) Max	Isat (A) Typ	DCR (mΩ) Max	Isat (A) Typ
1R0	1.0	20.0	7.79	18.0	8.50	8.00	12.0	6.50	15.2			5.5	19.90
1R2	1.2									7.0	15.0		
1R5	1.5			25.0	6.00	10.0	9.50			8.0	12.0	6.0	15.8
1R8	1.8											6.5	13.4
2R2	2.2	26.0	4.50	30.0	5.00	12.0	9.10			11.5	11.5		
2R4	2.4									11.5	11.0		
2R5	2.5			32.0	4.80							8.0	12.2
2R7	2.7							9.00	10.5				
3R3	3.3	40.0	3.00	35.0	3.50	15.0	8.00	15.0	8.00	13.5	9.00		
3R5	3.3									14.0	8.80	9.7	12.0
3R9	3.9					17.0	6.5						
4R7	4.7	42.9	2.70	40.0	3.00	18.0	5.70	18.0	7.60	15.8	6.80	11.0	11.0
6R1	6.1									17.6	6.60		
6R8	6.8	60.0	2.00	45.0	2.50	23.0	4.90	23.0	5.50	20.0	6.20	11.5	10.0
7R6	7.6									20.0	5.90	14.5	8.50
8R2	8.2							24.0	5.00			15.3	8.30
100	10.0	72.0	1.68	49.0	1.84	28.0	4.50	25.0	4.00	21.6	5.40	17.0	8.20
120	12.0	98.0	1.52	58.0	1.71	38.0	4.00	27.0	3.50	24.3	4.90	18.5	7.04
150	15.0	130	1.33	81.0	1.47	50.0	3.20	30.0	3.30	27.0	4.50	25.0	5.22
180	18.0	140	1.20	91.0	1.31	57.0	3.10	34.0	3.00	39.2	3.90	26.5	5.15
220	12.0	190	1.07	110	1.23	66.0	2.90	36.0	2.80	43.2	3.60	29.0	5.12
270	27.0	210	0.96	150	1.12	80.0	2.80	51.0	2.30	45.9	3.40	45.0	4.50
330	33.0	240	0.91	170	0.96	97.0	2.70	57.0	2.10	64.8	3.00	53.0	4.25
390	39.0	320	0.77	230	0.91	132	2.10	68.0	2.00	72.8	2.75	56.0	4.00
470	47.0	360	0.76	260	0.88	150	1.90	75.0	1.80	100	2.50	63.0	3.60
560	56.0	470	0.68	350	0.75	190	1.80	110	1.70	110	2.35	68.0	2.85
680	68.0	520	0.61	380	0.69	220	1.50	120	1.50	140	2.10	93.0	2.76
820	82.0	690	0.57	430	0.61	260	1.30	140	1.40	160	1.95	99.0	2.62
101	100.0	790	0.50	610	0.60	308	1.20	160	1.30	220	1.70	126	2.31
121	120.0	890	0.49	660	0.52	380	1.10	170	1.10	250	1.60	154	2.05
151	150.0	1270	0.43	880	0.46	530	0.95	230	1.00	280	1.42	174	1.80
181	180.0	1450	0.39	980	0.42	620	0.85	290	0.90	350	1.30	191	1.66
221	220.0	1650	0.35	1170	0.36	700	0.80	400	0.80	390	1.16	246	1.64
271	270.0	2310	0.32	1640	0.34	876	0.60	460	0.75	560	1.06	400	1.55
331	330.0	2620	0.28	1860	0.32	990	0.50	510	0.68	640	0.95	386	1.28
391	390.0	2940	0.26	2850	0.29			690	0.65	700	0.88	500	1.10
471	470.0	4180	0.24	3010	0.26			770	0.58	980	0.79	550	1.06
561	560.0	4670	0.22	3620	0.23			860	0.54	1070	0.73	650	1.01
681	680.0	5730	0.19	4630	0.22			1200	0.48	1460	0.67	730	0.83
821	820.0	6540	0.18	5200	0.20			1340	0.43	1640	0.60	824	0.81
102	1000.0	9440	0.16	6000	0.18			1530	0.40	1820	0.55	1220	0.70
122	1200.0											1330	0.64
152	1500.0											1990	0.56
182	1800.0											2180	0.48
222	2200.0											2580	0.43
332	3300.0									7800	0.33	4600	0.37

Note：When ordering,please specify tolerance code.Toerance：K=±10%，L=±15%，M=±20%，N=±30%

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*Beyond the above specification also can meet the special requirements.Need detailed content Please to the website query or contact us.