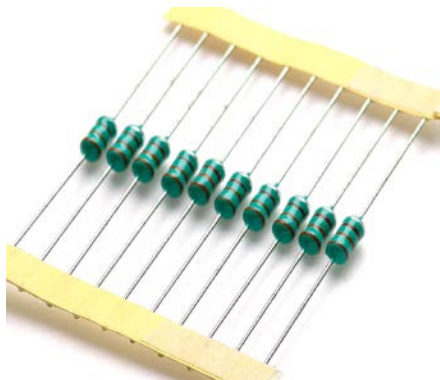




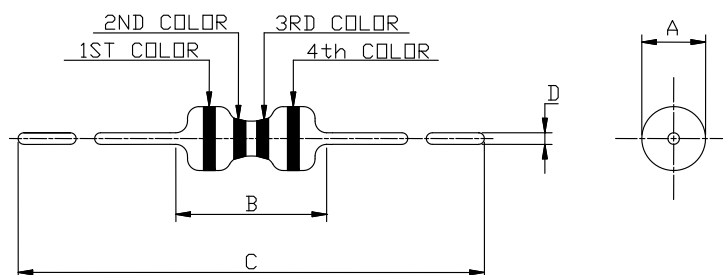
COATED INDUCTORS

DSP 系列色环电感

Axial Leaded Inductors DSP Series



◇ 外观尺寸 / SHAPE AND DIMENSIONS



型 号 Type	尺寸 / Dimensions (mm)			数量 / 卷 Amount / reel (Pcs)
	A (Max)	B (Max)	C	
DSP0204 –	2.6	4.5	63 ± 3.0	5000
DSP0307 –	3.0	7.0	63 ± 3.0	5000
DSP0410 –	4.0	10.0	63 ± 3.0	5000
DSP0510 –	5.0	10.0	63 ± 3.0	4000

◇ 应用 / USES

* TV / Televisions

* 个人电脑及周边 / Personal computers and Peripherals

* 其它电子设备 / Other electronic equipment

◇ 产品标识 / PRODUCT IDENTIFICATION

DSP 0204 T – R10 M R80 – LF

无 铅 / lead-free

额定电流 / Rated current (max) R80 = 800 mA

电感允许误差 / Inductance tolerance M = ±20% K = ±10% J = ±5%

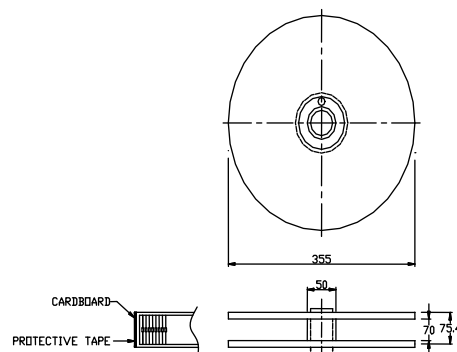
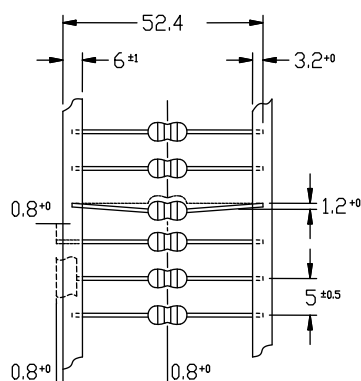
电感值 / Inductance value R10=1.0μH

包装方式 / Packaging style T (带装) =Taping (reel) B (散装) =bulk

尺寸 / Dimensions

系列名称 / Series name

◇ 带装规格 / TAPE & REEL SPECIFICATIONS





COATED INDUCTORS

DSP 系列色环电感

Coated Inductors DSP Series

◇ 电气特性 / ELECTRICAL CHARACTERISTICS

品 名 Parts No.	电 感 值 Inductance (uH)	DSP0204T –				DSP0307T –				DSP0410T –				DSP0510T –			
		Q	Test Freq. (MHz)	DCR (Max) (Ω)	Current (Max) (mA)	Q	Test Freq. (MHz)	DCR (Max) (Ω)	Current (Max) (mA)	Q	Test Freq. (MHz)	DCR (Max) (Ω)	Current (Max) (mA)	Q	Test Freq. (MHz)	DCR (Max) (Ω)	Current (Max) (mA)
R10 –	0.10	40	25.2	0.16	800	-	-	-	-	-	-	-	-	-	-	-	-
R12 –	0.12	40	25.2	0.16	800	-	-	-	-	-	-	-	-	-	-	-	-
R15 –	0.15	40	25.2	0.16	790	-	-	-	-	-	-	-	-	-	-	-	-
R18 –	0.18	40	25.2	0.18	745	-	-	-	-	-	-	-	-	-	-	-	-
R22 –	0.22	40	25.2	0.20	705	40	25.2	0.08	1150	25	25.2	0.21	880	30	25.2	0.12	1400
R27 –	0.27	40	25.2	0.22	670	40	25.2	0.08	1110	25	25.2	0.24	800	30	25.2	0.13	1320
R33 –	0.33	40	25.2	0.24	645	40	25.2	0.08	1110	25	25.2	0.28	750	30	25.2	0.14	1280
R39 –	0.39	50	25.2	0.27	605	40	25.2	0.09	1000	25	25.2	0.32	680	30	25.2	0.15	1200
R47 –	0.47	50	25.2	0.30	575	40	25.2	0.10	1000	25	25.2	0.36	650	30	25.2	0.17	1150
R56 –	0.56	50	25.2	0.34	540	40	25.2	0.11	950	25	25.2	0.41	600	30	25.2	0.18	1100
R68 –	0.68	50	25.2	0.38	510	40	25.2	0.12	900	25	25.2	0.47	550	30	25.2	0.20	1030
R82 –	0.82	50	25.2	0.43	480	40	25.2	0.13	875	45	25.2	0.17	980	45	25.2	0.21	980
1R0 –	1.0	50	25.2	0.46	465	40	25.2	0.15	815	45	25.2	0.19	920	45	25.2	0.21	920
1R2 –	1.2	50	7.96	0.52	435	40	7.96	0.18	740	50	7.96	0.21	880	50	7.96	0.22	880
1R5 –	1.5	50	7.96	0.57	415	45	7.96	0.20	700	50	7.96	0.23	830	50	7.96	0.23	830
1R8 –	1.8	50	7.96	0.60	405	50	7.96	0.23	655	55	7.96	0.25	790	55	7.96	0.28	790
2R2 –	2.2	50	7.96	0.65	390	50	7.96	0.25	630	55	7.96	0.28	750	55	7.96	0.28	750
2R7 –	2.7	50	7.96	0.73	370	50	7.96	0.28	595	60	7.96	0.30	720	60	7.96	0.30	720
3R3 –	3.3	50	7.96	0.82	345	50	7.96	0.30	575	65	7.96	0.34	670	65	7.96	0.34	670
3R9 –	3.9	50	7.96	0.90	330	60	7.96	0.32	555	65	7.96	0.37	640	65	7.96	0.37	640
4R7 –	4.7	50	7.96	1.00	315	60	7.96	0.35	530	70	7.96	0.39	620	70	7.96	0.39	620
5R6 –	5.6	50	7.96	1.10	300	60	7.96	0.40	500	70	7.96	0.43	590	70	7.96	0.43	590
6R8 –	6.8	50	7.96	1.20	285	60	7.96	0.45	470	75	7.96	0.48	550	75	7.96	0.49	550
8R2 –	8.2	50	7.96	1.30	275	60	7.96	0.55	425	80	7.96	0.52	530	80	7.96	0.55	530
100 –	10	50	7.96	1.40	265	60	7.96	0.72	370	85	7.96	0.58	500	65	7.96	0.63	500
120 –	12	50	2.52	1.50	255	60	2.52	0.80	350	75	2.52	0.63	480	55	2.52	0.65	480
150 –	15	50	2.52	1.65	245	60	2.52	0.88	335	70	2.52	0.72	460	55	2.52	0.81	460
180 –	18	50	2.52	1.90	225	60	2.52	1.00	315	65	2.52	0.77	430	50	2.52	0.82	430
220 –	22	50	2.52	2.20	210	60	2.52	1.20	285	60	2.52	0.84	410	50	2.52	0.95	410
270 –	27	50	2.52	2.50	200	60	2.52	1.35	270	55	2.52	0.94	390	45	2.52	1.05	390
330 –	33	50	2.52	3.80	160	60	2.52	1.50	255	55	2.52	1.03	370	45	2.52	1.05	370
390 –	39	50	2.52	4.20	150	60	2.52	1.70	240	50	2.52	1.12	350	45	2.52	1.10	350
470 –	47	50	2.52	4.60	145	60	2.52	2.30	205	45	2.52	1.22	340	40	2.52	1.31	340
560 –	56	40	2.52	5.10	140	60	2.52	2.60	195	40	2.52	1.34	320	40	2.52	1.38	325
680 –	68	40	2.52	5.60	130	60	2.52	2.90	185	40	2.52	1.47	305	40	2.52	1.62	300
820 –	82	40	2.52	9.60	100	60	2.52	3.20	175	35	2.52	1.62	290	35	2.52	1.71	290
101 –	100	40	2.52	10.8	95	60	2.52	3.50	165	30	2.52	1.80	275	30	2.52	2.10	280
121 –	120	40	0.796	12.5	85	60	0.796	3.80	160	70	0.796	3.70	185	55	0.796	3.10	185
151 –	150	40	0.796	14.5	80	60	0.796	4.40	150	70	0.796	4.20	175	55	0.796	3.45	175
181 –	180	40	0.796	16.3	75	60	0.796	5.00	140	70	0.796	4.60	165	55	0.796	4.10	165
221 –	220	40	0.796	20	70	60	0.796	5.70	130	70	0.796	5.10	155	60	0.796	4.54	155
271 –	270	-	-	-	-	60	0.796	6.50	120	65	0.796	5.80	145	65	0.796	5.15	145
331 –	330	-	-	-	-	60	0.796	9.50	100	65	0.796	6.40	137	60	0.796	6.40	140
391 –	390	-	-	-	-	60	0.796	10.5	95	65	0.796	7.00	133	65	0.796	7.15	135
471 –	470	-	-	-	-	60	0.796	11.6	90	60	0.796	7.70	126	60	0.796	7.70	126
561 –	560	-	-	-	-	60	0.796	13.0	85	60	0.796	8.50	120	50	0.796	8.50	120
681 –	680	-	-	-	-	60	0.796	18.0	75	55	0.796	9.40	113	55	0.796	9.00	113
821 –	820	-	-	-	-	60	0.796	23.0	65	55	0.796	10.5	100	45	0.796	10.5	105
102 –	1000	-	-	-	-	60	0.796	26.0	60	50	0.796	12.0	100	40	0.796	14.0	100

* 电感测试仪器 / Test equipment inductance: HP4342.

* 额定电流 / Rated current : Value obtained when current flows and the temperature has risen to 20℃ or when DC current flows and the initial value of inductance has fallen by 10%, whichever is smaller.

* 超出以上规格的特殊要求也可满足 / Special inquiries besides the above common used types can be met on your requirement.