

SMD 1% Metal Film Resistors

- High grade thick film metal glazed ceramic body
- Suitable for reflow or hand soldering
- Temperature range -55° to +125°C
- Temperature coefficient ±100 ppm/°C
- 0603 0.100W rated
- 0805 0.125W rated
- 1206 0.25W rated
- Tolerance ±1%
- Available in small 10 packs or 5,000 OEM reels.

SMD Resistor Value Markings:

0603 series. Our range of 0603 resistors use a combination of normal 3 digit marking and the EIA-96 marking system. The normal 3 digit marking is identified by 3 digits, the first 2 digits are the value followed by the multiplier, or number of zeros. ie. 333 printed on the resistor equates to 33 + three zeros = 33,000Ω or 33KΩ (1% markings are the same as 5% markings).

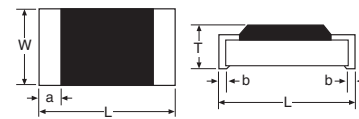
0805 & 1206 series. Identified by a 4 digit figure, the first 3 digits are the value followed by the multiplier, or number of zeros. ie. 1503 printed on the resistor equates to 150 + three zeros = 150,000Ω or 150kΩ.

Price Per Pack 10

0603 0.1W rated at ± 1% tolerance
0805 0.125W rated at ± 1% tolerance
1206 0.25W rated at ± 1% tolerance

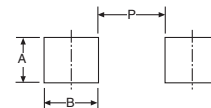
RRP 10+ 5K Reel
1.40 1.25 30.50
1.40 1.25 48.25
1.40 1.25 75.25

Type	Package Size (mm)				
	L	W	a	b	T
0603	1.60	0.85	0.30	0.30	0.45
0805	2.10	1.30	0.40	0.40	0.50
1206	3.10	1.60	0.50	0.50	0.55



PCB Pad Layout(mm)

Type	A	B	P
0603	0.8	0.9	0.8
0805	1.2	0.9	1.2
1206	1.6	1.5	2.0



	0603 1%		0805 1%		1206 1%	
Value	Pack 10	Reel 5k	Pack 10	Reel 5k	Pack 10	Reel 5k
0Ω link	R 1380	R 1382	R 0860	R 0862	R 7900	
10Ω	R 1452	R 1454	R 0932	R 0934	R 7972	
11Ω	R 1455	R 1457	R 0935	R 0937	R 7975	R 7977
12Ω	R 1458	R 1460	R 0938	R 0940	R 7978	R 7980
13Ω	R 1461	R 1463	R 0941	R 0943	R 7981	R 7983
15Ω	R 1464	R 1466	R 0944		R 7984	R 7986
16Ω	R 1467	R 1469	R 0947	R 0949	R 7987	R 7989
18Ω	R 1470	R 1472	R 0950	R 0952	R 7990	R 7992
20Ω	R 1473	R 1475	R 0953	R 0955	R 7993	R 7995
22Ω	R 1476	R 1478	R 0956	R 0958	R 7996	R 7998
24Ω	R 1479	R 1481	R 0959	R 0961	R 7999	R 8001
27Ω	R 1482	R 1484	R 0962	R 0964	R 8002	R 8004
30Ω	R 1485	R 1487	R 0965	R 0967	R 8005	R 8007
33Ω	R 1488	R 1490	R 0968	R 0970	R 8008	R 8010
36Ω	R 1491	R 1493	R 0971	R 0973	R 8011	R 8013
39Ω	R 1494	R 1496	R 0974	R 0976	R 8014	R 8016
43Ω	R 1497	R 1499	R 0977	R 0979	R 8017	R 8019
47Ω	R 1500	R 1502	R 0980	R 0982	R 8020	R 8022
51Ω	R 1503	R 1505	R 0983	R 0985	R 8023	R 8025
56Ω	R 1506	R 1508	R 0986	R 0988	R 8026	R 8028
62Ω	R 1509	R 1511	R 0989	R 0991	R 8029	R 8031
68Ω	R 1512	R 1514	R 0992	R 0994	R 8032	R 8034
75Ω	R 1515	R 1517	R 0995	R 0997	R 8035	R 8037
82Ω	R 1518	R 1520	R 0998	R 1000	R 8038	R 8040
91Ω	R 1521	R 1523	R 1001	R 1003	R 8041	R 8043
100Ω	R 1524	R 1526	R 1004	R 1006		
110Ω	R 1527	R 1529	R 1007	R 1009	R 8047	R 8049
120Ω	R 1530	R 1532	R 1010	R 1012	R 8050	R 8052
130Ω	R 1533	R 1535	R 1013	R 1015	R 8053	R 8055
150Ω	R 1536	R 1538	R 1016	R 1018	R 8056	R 8058
160Ω	R 1539	R 1541	R 1019	R 1021	R 8059	R 8061
180Ω	R 1542	R 1544	R 1022	R 1024	R 8062	R 8064
200Ω	R 1545	R 1547	R 1025	R 1027	R 8065	R 8067
220Ω	R 1548	R 1550	R 1028	R 1030	R 8068	R 8070
240Ω	R 1551	R 1553	R 1031	R 1033	R 8071	R 8073
270Ω	R 1554	R 1556	R 1034	R 1036	R 8074	R 8076
300Ω	R 1557	R 1559	R 1037	R 1039	R 8077	R 8079
330Ω	R 1560	R 1562	R 1040	R 1042	R 8080	R 8082
360Ω	R 1563	R 1565	R 1043	R 1045	R 8083	
390Ω	R 1566	R 1568	R 1046	R 1048	R 8086	R 8088
430Ω	R 1569	R 1571	R 1049	R 1051	R 8089	R 8091
470Ω	R 1572	R 1574	R 1052	R 1054	R 8092	R 8094
510Ω	R 1575	R 1577	R 1055	R 1057	R 8095	R 8097
560Ω	R 1578		R 1058	R 1060	R 8098	R 8100
620Ω	R 1581	R 1583	R 1061	R 1063	R 8101	R 8103
680Ω	R 1584	R 1586	R 1064	R 1066	R 8104	R 8106
750Ω	R 1587	R 1589	R 1067	R 1069	R 8107	R 8109
820Ω	R 1590		R 1070	R 1072	R 8110	R 8112
910Ω	R 1593	R 1595	R 1073	R 1075	R 8113	R 8115
1kΩ	R 1596	R 1598	R 1076	R 1078	R 8116	
1.1kΩ	R 1599	R 1601	R 1079		R 8119	R 8121
1.2kΩ	R 1602	R 1604	R 1082	R 1084	R 8122	R 8124
1.3kΩ	R 1605	R 1607	R 1085	R 1087	R 8125	R 8127
1.5kΩ	R 1608	R 1610	R 1088	R 1090	R 8128	
1.6kΩ	R 1611	R 1613	R 1091	R 1093	R 8131	R 8133
1.8kΩ	R 1614	R 1616	R 1094	R 1096	R 8134	R 8136
2kΩ	R 1617	R 1619	R 1097	R 1099	R 8137	R 8139
2.2kΩ	R 1620	R 1622	R 1100	R 1102	R 8140	R 8142
2.4kΩ	R 1623	R 1625	R 1103	R 1105	R 8143	R 8145
2.7kΩ	R 1626	R 1628	R 1106	R 1108	R 8146	R 8148
3kΩ	R 1629	R 1631	R 1109	R 1111	R 8149	R 8151

	0603 1%		0805 1%		1206 1%	
Value	Pack 10	Reel 5k	Pack 10	Reel 5k	Pack 10	Reel 5k
3.3kΩ	R 1632	R 1634	R 1112	R 1114	R 8152	R 8154
3.6kΩ	R 1635	R 1637	R 1115	R 1117	R 8155	R 8157
3.9kΩ	R 1638	R 1640	R 1118	R 1120	R 8158	R 8160
4.3kΩ	R 1641	R 1643	R 1121	R 1123	R 8161	R 8163
4.7kΩ	R 1644	R 1646	R 1124	R 1126	R 8164	R 8166
5.1kΩ	R 1647	R 1649	R 1127		R 8167	R 8169
5.6kΩ	R 1650	R 1652	R 1130	R 1132	R 8170	R 8172
6.2kΩ	R 1653	R 1655	R 1133	R 1135	R 8173	R 8175
6.8kΩ	R 1656	R 1658	R 1136	R 1138	R 8176	R 8178
7.5kΩ	R 1659	R 1661	R 1139	R 1141	R 8179	R 8181
8.2kΩ	R 1662		R 1142	R 1144	R 8182	R 8184
9.1kΩ	R 1665	R 1667	R 1145	R 1147	R 8185	R 8187
10kΩ	R 1668	R 1670	R 1148	R 1150	R 8188	R 8190
11kΩ	R 1671	R 1673	R 1151	R 1153	R 8191	R 8193
12kΩ	R 1674	R 1676	R 1154	R 1156	R 8194	R 8196
13kΩ	R 1677	R 1679	R 1157	R 1159	R 8197	R 8199
15kΩ	R 1680	R 1682	R 1160	R 1162	R 8200	R 8202
16kΩ	R 1683	R 1685	R 1163	R 1165	R 8203	R 8205
18kΩ	R 1686	R 1688	R 1166	R 1168	R 8206	R 8208
20kΩ	R 1689	R 1691	R 1169	R 1171	R 8209	R 8211
22kΩ	R 1692	R 1694	R 1172	R 1174	R 8212	R 8214
24kΩ	R 1695	R 1697	R 1175	R 1177	R 8215	R 8217
27kΩ	R 1698	R 1700	R 1178	R 1180	R 8218	R 8220
30kΩ	R 1701	R 1703	R 1181	R 1183		R 8223
33kΩ	R 1704	R 1706	R 1184	R 1186	R 8224	R 8226
36kΩ	R 1707	R 1709	R 1187	R 1189	R 8227	R 8229
39kΩ	R 1710	R 1712	R 1190	R 1192	R 8230	R 8232
43kΩ	R 1713	R 1715	R 1193	R 1195	R 8233	R 8235
47kΩ	R 1716	R 1718	R 1196	R 1198	R 8236	R 8238
51kΩ	R 1719	R 1721	R 1199	R 1201	R 8239	R 8241
56kΩ	R 1722	R 1724	R 1202	R 1204	R 8242	R 8244
62kΩ	R 1725	R 1727	R 1205	R 1207	R 8245	R 8247
68kΩ	R 1728	R 1730	R 1208	R 1210	R 8248	R 8250
75kΩ	R 1731	R 1733	R 1211	R 1213	R 8251	R 8253
82kΩ	R 1734	R 1736	R 1214	R 1216	R 8254	R 8256
91kΩ	R 1737	R 1739	R 1217	R 1219	R 8257	R 8259
100kΩ	R 1740	R 1742	R 1220	R 1222	R 8260	R 8262
110kΩ	R 1743	R 1745	R 1223	R 1225	R 8263	R 8265
120kΩ	R 1746		R 1226	R 1228	R 8266	R 8268
130kΩ	R 1749	R 1751	R 1229	R 1231	R 8269	R 8271
150kΩ	R 1752	R 1754	R 1232	R 1234	R 8272	R 8274
160kΩ	R 1755	R 1757	R 1235	R 1237	R 8275	R 8277
180kΩ	R 1758	R 1760	R 1238	R 1240	R 8278	R 8280
200kΩ	R 1761		R 1241	R 1243	R 8281	R 8283
220kΩ	R 1764	R 1766	R 1244	R 1246	R 8284	R 8286
240kΩ	R 1767	R 1769	R 1247	R 1249	R 8287	R 8289
270kΩ	R 1770	R 1772	R 1250	R 1252	R 8290	R 8292
300kΩ	R 1773	R 1775	R 1253	R 1255	R 8293	R 8295
330kΩ	R 1776	R 1778	R 1256	R 1258	R 8296	R 8298
360kΩ	R 1779	R 1781	R 1259	R 1261	R 8299	R 8301
390kΩ	R 1782	R 1784	R 1262	R 1264	R 8302	R 8304
430kΩ	R 1785	R 1787	R 1265	R 1267	R 8305	R 8307
470kΩ	R 1788	R 1790	R 1268	R 1270	R 8308	R 8310
510kΩ	R 1791	R 1793	R 1271	R 1273	R 8311	R 8313
560kΩ	R 1794	R 1796	R 1274	R 1276	R 8314	R 8316
620kΩ	R 1797	R 1799	R 1277	R 1279	R 8317	R 8319
680kΩ	R 1800	R 1802	R 1280	R 1282	R 8320	R 8322
750kΩ	R 1803	R 1805	R 1283	R 1285	R 8323	R 8325
820kΩ	R 1806	R 1808	R 1286	R 1288	R 8326	R 8328
910kΩ	R 1809	R 1811	R 1289	R 1291	R 8329	R 8331
1MΩ	R 1812	R 1814	R 1292	R 1294	R 8332	R 8334