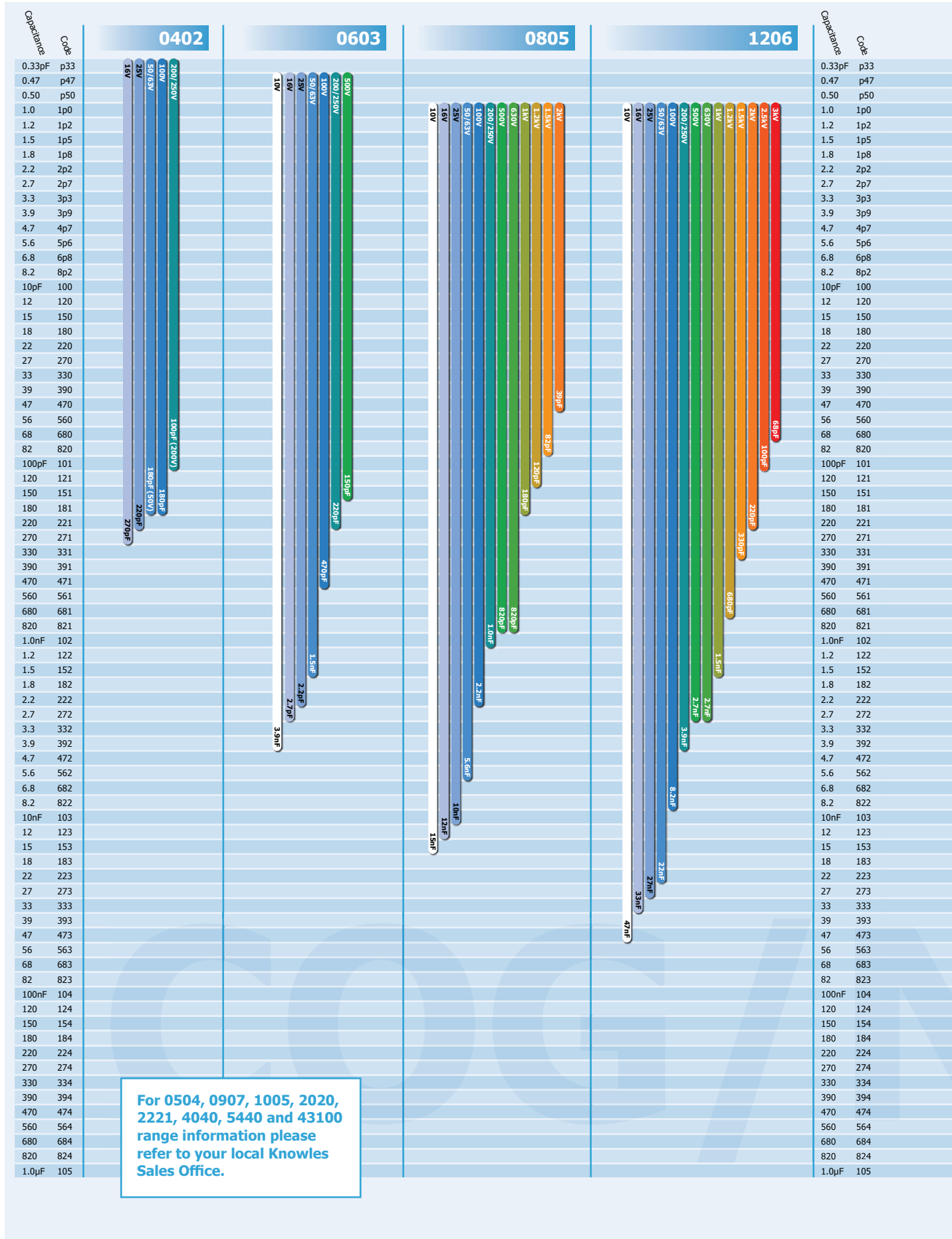


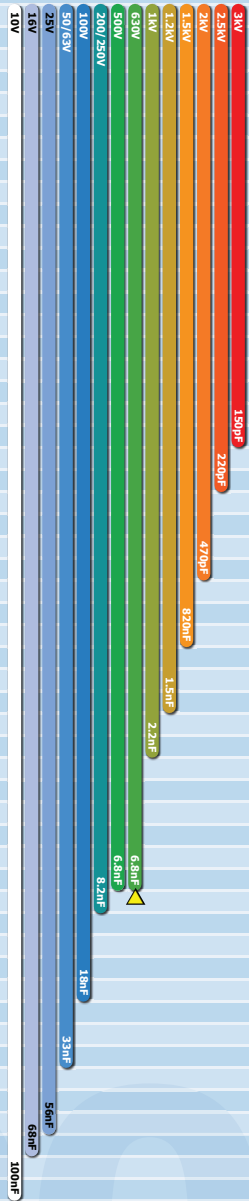
Industry Standard - MLC chip range - COG/NPO



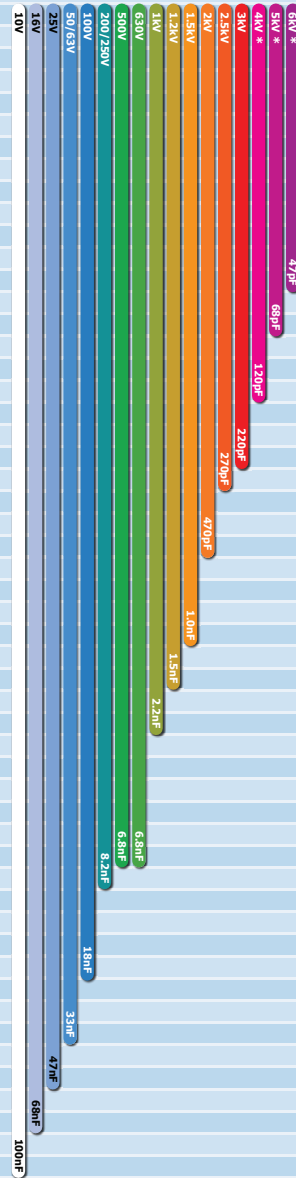
For 0504, 0907, 1005, 2020, 2221, 4040, 5440 and 43100 range information please refer to your local Knowles Sales Office.

Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

1210



1808



Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

Notes: 1) * These parts may require conformal coating post soldering.
 2) Standard chip thickness = 2.5mm maximum unless specified as 3.2 or 4.0mm.

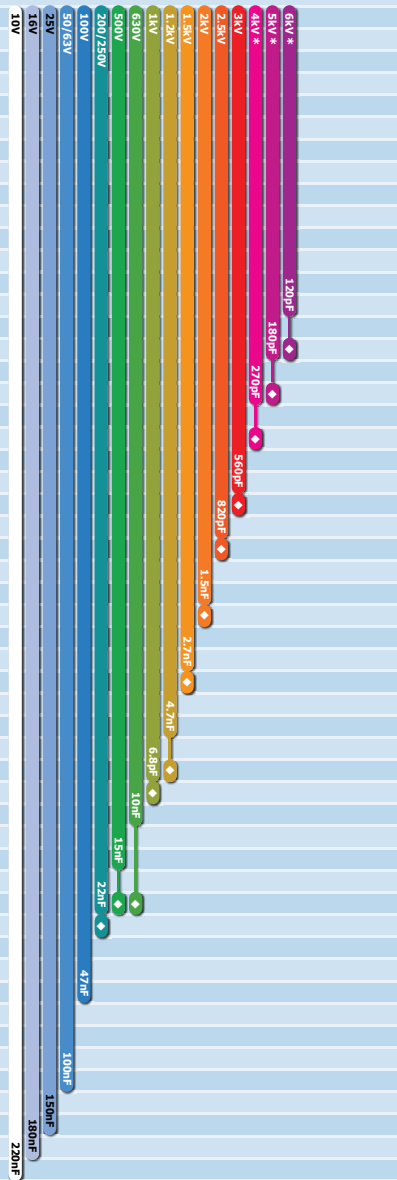
3) For 1210 630V 6.8nF, order with AG1 suffix.

Industry Standard - MLC chip range - COG/NPO

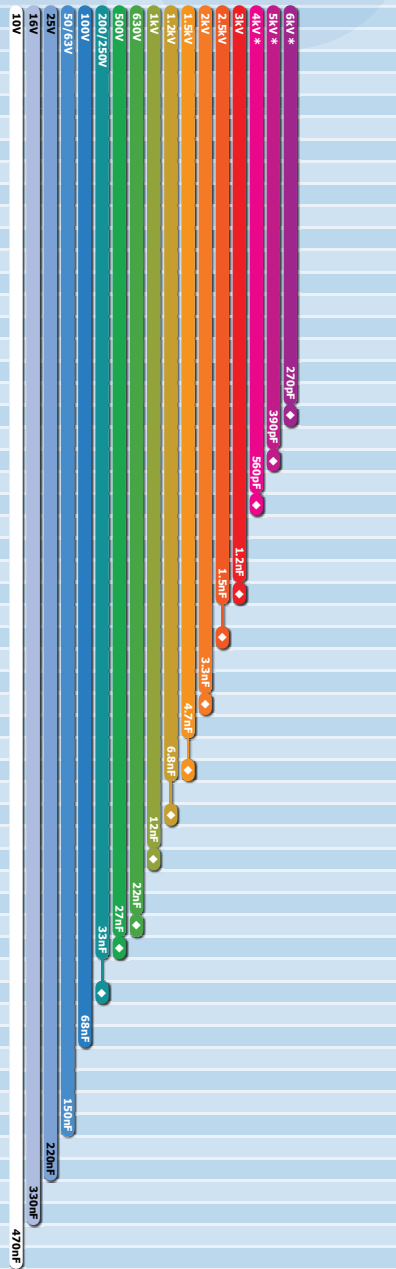


Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

1812



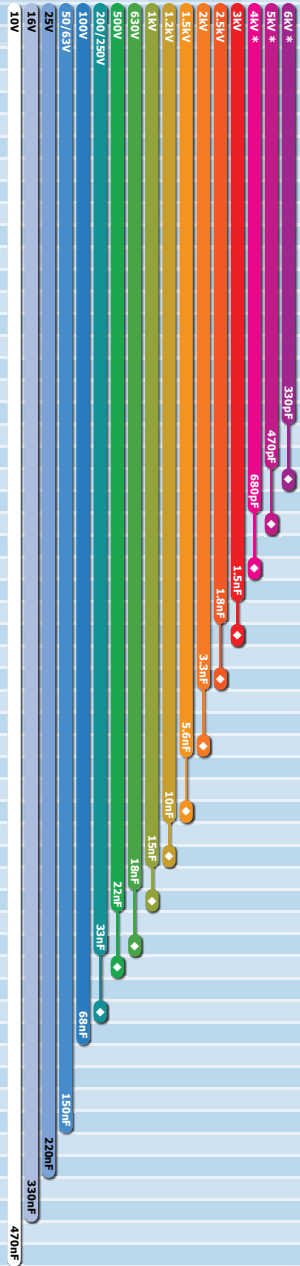
1825



Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

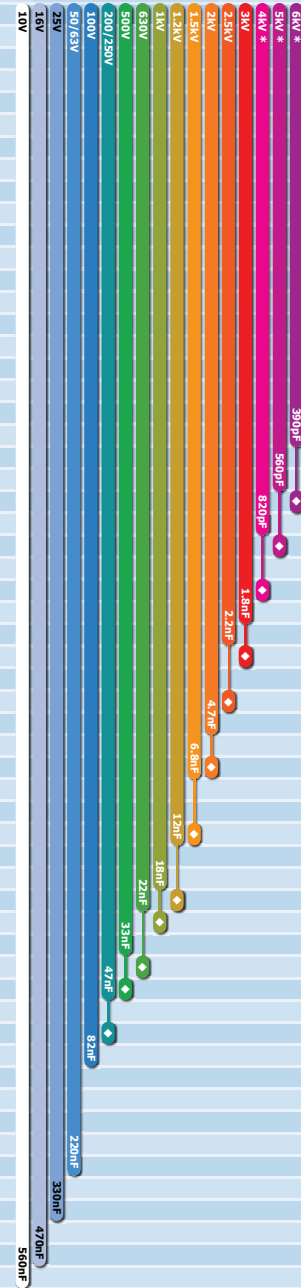
Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

2220



2225

For 0504, 0907, 1005, 2020, 2221, 4040, 5440 and 43100 range information please refer to your local Knowles Sales Office.



Capacitance	Code
0.33pF	p33
0.47	p47
0.50	p50
1.0	1p0
1.2	1p2
1.5	1p5
1.8	1p8
2.2	2p2
2.7	2p7
3.3	3p3
3.9	3p9
4.7	4p7
5.6	5p6
6.8	6p8
8.2	8p2
10pF	100
12	120
15	150
18	180
22	220
27	270
33	330
39	390
47	470
56	560
68	680
82	820
100pF	101
120	121
150	151
180	181
220	221
270	271
330	331
390	391
470	471
560	561
680	681
820	821
1.0nF	102
1.2	122
1.5	152
1.8	182
2.2	222
2.7	272
3.3	332
3.9	392
4.7	472
5.6	562
6.8	682
8.2	822
10nF	103
12	123
15	153
18	183
22	223
27	273
33	333
39	393
47	473
56	563
68	683
82	823
100nF	104
120	124
150	154
180	184
220	224
270	274
330	334
390	394
470	474
560	564
680	684
820	824
1.0µF	105

Notes: 1) * These parts may require conformal coating post soldering.
 2) ♦ Standard chip thickness = 2.5mm maximum unless specified as 3.2 or 4.0mm.