

# Industry Standard - MLC chip range - X7R



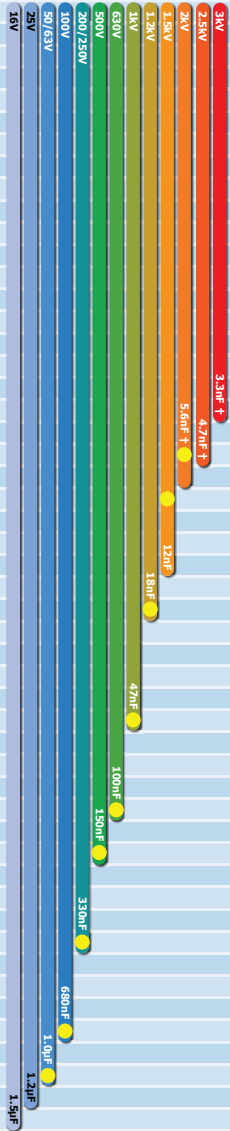
Capacitance		0402	0603	0805	1206	Capacitance	
Code	Code					Code	Code
100pF	101					100pF	101
120	121					120	121
150	151					150	151
180	181					180	181
220	221					220	221
270	271					270	271
330	331					330	331
390	391					390	391
470	471					470	471
560	561					560	561
680	681					680	681
820	821					820	821
1.0nF	102					1.0nF	102
1.2	122					1.2	122
1.5	152					1.5	152
1.8	182					1.8	182
2.2	222					2.2	222
2.7	272					2.7	272
3.3	332					3.3	332
3.9	392					3.9	392
4.7	472					4.7	472
5.6	562					5.6	562
6.8	682					6.8	682
8.2	822					8.2	822
10nF	103					10nF	103
12	123					12	123
15	153					15	153
18	183					18	183
22	223					22	223
27	273					27	273
33	333					33	333
39	393					39	393
47	473					47	473
56	563					56	563
68	683					68	683
82	823					82	823
100nF	104					100nF	104
120	124					120	124
150	154					150	154
180	184					180	184
220	224					220	224
270	274					270	274
330	334					330	334
390	394					390	394
470	474					470	474
560	564					560	564
680	684					680	684
820	824					820	824
1.0µF	105					1.0µF	105
1.2	125					1.2	125
1.5	155					1.5	155
1.8	185					1.8	185
2.2	225					2.2	225
2.7	275					2.7	275
3.3	335					3.3	335
3.9	395					3.9	395
4.7	475					4.7	475
5.6	565					5.6	565
6.8	685					6.8	685
8.2	825					8.2	825
10µF	106					10µF	106
12	126					12	126
15	156					15	156
18	186					18	186
22µF	226					22µF	226

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

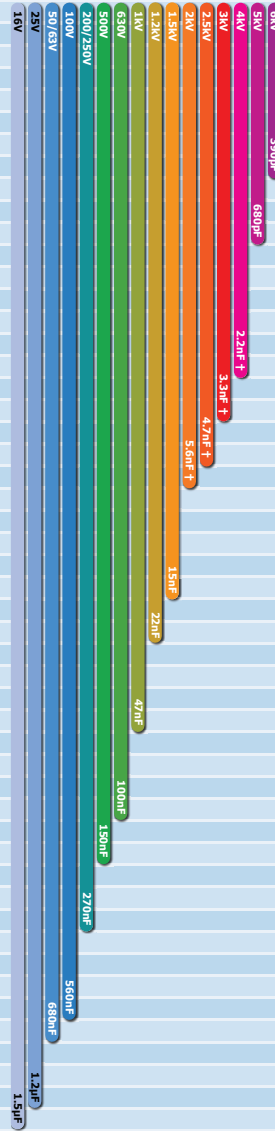
- \* StackiCap™ high capacitance versions available from the StackiCap™ range - see page 62 for details.
- † Higher capacitance values available from the NC capacitor range - see page 63 for details.
- \*\* Max. capacitance of 27nF, has increased chip length of 3.5mm. Reduced max. cap value of 22nF, for standard dimension.
- = AEC-Q200 approved parts - maximum values.
- ▲ For 0603 50/63V values from 68nF to 100nF should be ordered with FB6 suffix.

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1210

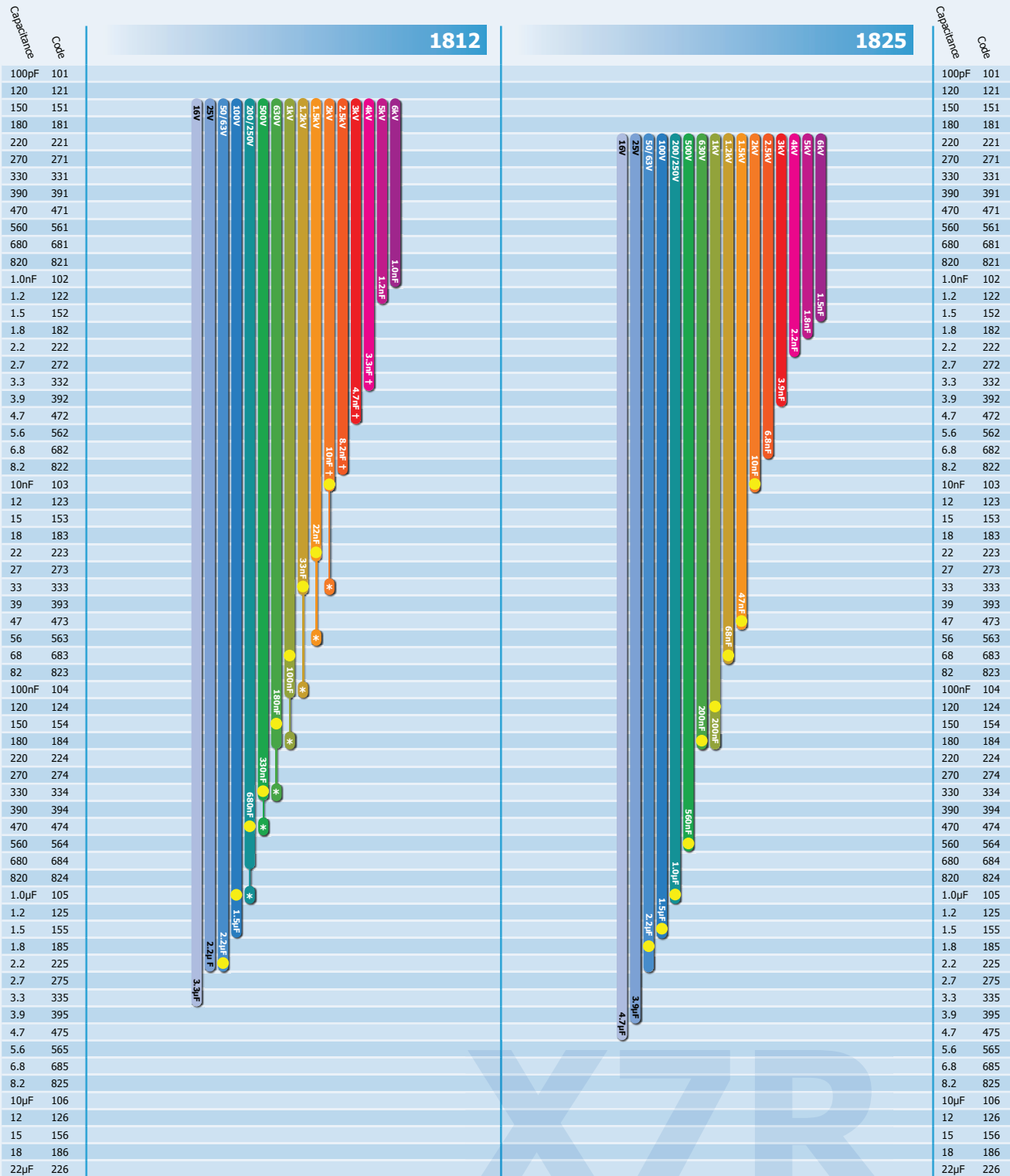


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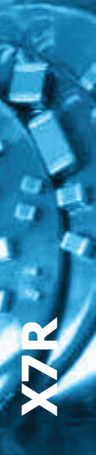
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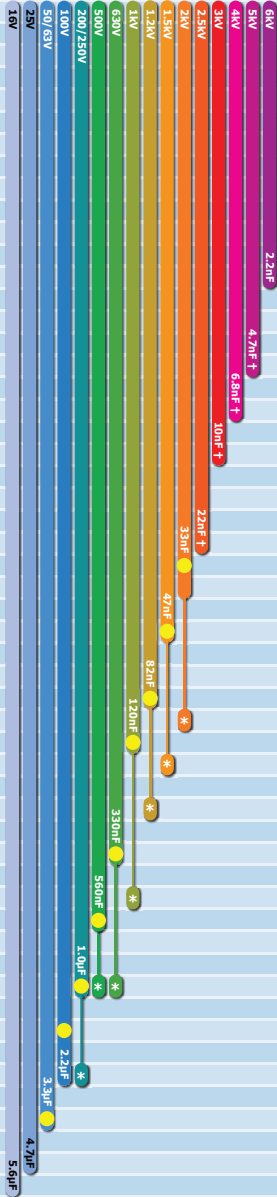
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2220



2225

