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### EIA Capacitance Value Codes

[Ceramic](#), [Film](#) & [Tantalum](#) Capacitors - Capacitance Value Codes 1.0pF ~ 1000uF

| EIA Code | Capacitance Values - EIA Codes |                 |                  |
|----------|--------------------------------|-----------------|------------------|
|          | Pico-Farad (pF)                | Nano-Farad (nF) | Micro-Farad (uF) |
| 1R5      | 1.5                            | 0.0015          | • • •            |
| 2R2      | 2.2                            | 0.0022          | • • •            |
| 4R7      | 4.7                            | 0.0047          | • • •            |
| 100      | 10.0                           | 0.010           | • • •            |
| 330      | 33.0                           | 0.033           | • • •            |
| 680      | 68.0                           | 0.068           | • • •            |
| 101      | 100                            | 0.100           | 0.0001           |
| 151      | 150                            | 0.150           | 0.00015          |
| 821      | 820                            | 0.820           | 0.00082          |
| 102      | 1000                           | 1.0             | 0.001            |
| 332      | 3300                           | 3.3             | 0.0033           |
| 103      | 10,000                         | 10              | 0.010            |
| 104      | 100,000                        | 100             | 0.10             |
| 474      | 470,000                        | 470             | 0.47             |
| 105      | 1,000,000                      | 1000            | 1.0              |
| 225      | 2,200,000                      | 2200            | 2.2              |
| 106      | 10,000,000                     | 10,000          | 10               |
| 336      | 33,000,000                     | 33,000          | 33               |
| 107      | 100,000,000                    | 100,000         | 100              |
| 477      | 470,000,000                    | 470,000         | 470              |
| 108      | 1,000,000,000                  | 1,000,000       | 1000             |



### EIA Capacitance Value Codes

[Aluminum Electrolytic](#) & [Double Layer](#) Capacitors - Capacitance Value Codes **0.1uF ~ 10F (Farad)**

| EIA Code | Capacitance Values - EIA Codes |                    |
|----------|--------------------------------|--------------------|
|          | Micro-Farad ( <b>uF</b> )      | Farad ( <b>F</b> ) |
| 1R0      | 1.0                            | • • •              |
| 2R2      | 2.2                            | • • •              |
| 100      | 10                             | • • •              |
| 220      | 22                             | • • •              |
| 101      | 100                            | 0.00010            |
| 331      | 330                            | 0.00033            |
| 102      | 1000                           | 0.001              |
| 152      | 1500                           | 0.0015             |
| 472      | 4700                           | 0.0047             |
| 103      | 10,000                         | 0.010              |
| 683      | 68,000                         | 0.068              |
| 104      | 100,000                        | 0.10               |
| 474      | 474,000                        | 0.47               |
| 105      | 1,000,000                      | 1.0                |
| 225      | 2,200,000                      | 2.2                |
| 106      | 10,000,000                     | 10.0               |