



# EIA Standard Resistance Values

| E6  | E12 | E24 | E48 | E96 | E192 | E6  | E12 | E24 | E48 | E96 | E192 | E6 | E12 | E24 | E48 | E96 | E192 |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|----|-----|-----|-----|-----|------|
| 100 | 100 | 100 | 100 | 100 | 100  |     |     |     | 226 | 226 | 226  |    |     |     |     | 475 | 475  |
|     |     |     |     | 101 | 101  |     |     |     |     | 229 | 229  |    |     |     | 487 | 487 | 487  |
|     |     |     |     | 102 | 102  |     |     |     |     | 232 | 232  |    |     |     | 487 | 487 | 493  |
|     |     |     |     | 104 | 104  |     |     |     |     | 234 | 234  |    |     |     | 499 | 499 | 505  |
|     |     |     | 105 | 105 | 105  |     |     | 240 | 237 | 237 | 237  |    |     | 510 | 511 | 511 | 511  |
|     |     |     |     | 106 | 106  |     |     |     |     | 243 | 240  |    |     |     | 511 | 511 | 517  |
|     |     |     | 107 | 107 | 107  |     |     |     |     |     | 244  |    |     |     | 523 | 523 | 530  |
|     |     |     |     | 109 | 109  |     |     |     |     |     | 246  |    |     |     | 536 | 536 | 542  |
|     |     | 110 | 110 | 110 | 110  |     |     |     | 249 | 249 | 249  |    |     |     | 549 | 549 | 556  |
|     |     |     |     | 111 | 111  |     |     |     |     | 255 | 255  |    |     |     | 562 | 562 | 569  |
|     |     |     | 113 | 113 | 113  |     |     |     |     | 258 | 258  |    |     |     | 576 | 576 | 583  |
|     |     |     |     | 114 | 114  |     |     |     |     | 261 | 261  |    |     |     | 590 | 590 | 597  |
|     |     |     | 115 | 115 | 115  |     |     |     | 261 | 261 | 261  |    |     |     | 604 | 604 | 612  |
|     |     |     |     | 117 | 117  |     |     |     |     | 264 | 264  |    |     |     | 619 | 619 | 626  |
|     |     |     | 118 | 118 | 118  |     |     |     |     | 267 | 267  |    |     |     | 634 | 634 | 642  |
|     |     |     |     | 120 | 120  |     |     |     |     |     | 271  |    |     |     | 649 | 649 | 657  |
|     | 120 | 120 |     | 121 | 121  |     | 270 | 270 |     |     | 274  |    |     |     |     | 665 | 665  |
|     |     |     |     | 123 | 123  |     |     |     |     |     | 277  |    |     |     |     | 673 | 673  |
|     |     |     |     | 124 | 124  |     |     |     |     |     | 280  |    |     |     |     | 681 | 681  |
|     |     |     |     | 126 | 126  |     |     |     |     |     | 284  |    |     |     |     | 698 | 698  |
|     |     |     | 127 | 127 | 127  |     |     |     |     |     | 287  |    |     |     | 715 | 715 | 723  |
|     |     |     |     | 129 | 129  |     |     |     |     |     | 291  |    |     |     | 732 | 732 | 741  |
|     |     | 130 |     | 130 | 130  |     |     |     | 287 | 287 | 287  |    |     |     | 750 | 750 | 759  |
|     |     |     |     | 132 | 132  |     |     |     |     | 294 | 294  |    |     |     | 768 | 768 | 777  |
|     |     |     |     | 133 | 133  |     |     |     |     | 298 | 298  |    |     |     | 787 | 787 | 796  |
|     |     |     |     | 135 | 135  |     |     |     |     |     | 301  |    |     |     | 806 | 806 | 816  |
|     |     |     |     | 137 | 137  |     |     | 300 |     |     | 301  |    |     |     | 825 | 825 | 835  |
|     |     |     |     | 138 | 138  |     |     |     |     |     | 305  |    |     |     | 845 | 845 | 856  |
|     |     |     |     | 140 | 140  |     |     |     |     |     | 309  |    |     |     | 866 | 866 | 876  |
|     |     |     |     | 142 | 142  |     |     |     |     |     | 312  |    |     |     | 887 | 887 | 898  |
|     |     |     |     | 143 | 143  |     |     |     |     |     | 316  |    |     |     | 909 | 909 | 920  |
|     |     |     |     | 145 | 145  |     |     |     |     |     | 324  |    |     |     | 931 | 931 | 942  |
|     |     |     |     | 147 | 147  |     |     |     |     |     | 328  |    |     |     | 953 | 953 | 965  |
|     |     |     |     | 149 | 149  |     |     |     |     |     | 332  |    |     |     | 976 | 976 | 988  |
|     |     |     |     | 150 | 150  |     | 330 | 330 |     |     | 336  |    |     |     |     |     |      |
|     |     |     |     | 152 | 152  |     |     |     |     |     | 340  |    |     |     |     |     |      |
|     |     |     |     | 154 | 154  |     |     |     |     |     | 344  |    |     |     |     |     |      |
|     |     |     |     | 156 | 156  |     |     |     |     |     | 348  |    |     |     |     |     |      |
|     |     |     |     | 158 | 158  |     |     |     |     |     | 352  |    |     |     |     |     |      |
|     |     |     |     | 160 | 160  |     |     |     |     |     | 357  |    |     |     |     |     |      |
|     |     | 160 |     | 162 | 162  |     |     | 360 |     |     | 361  |    |     |     |     |     |      |
|     |     |     |     | 164 | 164  |     |     |     |     |     | 365  |    |     |     |     |     |      |
|     |     |     |     | 165 | 165  |     |     |     |     |     | 370  |    |     |     |     |     |      |
|     |     |     |     | 167 | 167  |     |     |     |     |     | 374  |    |     |     |     |     |      |
|     |     |     |     | 169 | 169  |     |     |     |     |     | 379  |    |     |     |     |     |      |
|     |     |     |     | 172 | 172  |     |     |     |     |     | 383  |    |     |     |     |     |      |
|     |     |     |     | 174 | 174  |     |     |     |     |     | 392  |    |     |     |     |     |      |
|     |     |     |     | 176 | 176  |     |     |     |     |     | 397  |    |     |     |     |     |      |
|     |     |     |     | 178 | 178  |     |     |     |     |     | 402  |    |     |     |     |     |      |
|     |     |     |     | 180 | 180  |     |     |     |     |     | 407  |    |     |     |     |     |      |
|     |     |     |     | 182 | 182  |     |     |     |     |     | 412  |    |     |     |     |     |      |
|     |     |     |     | 184 | 184  |     |     |     |     |     | 417  |    |     |     |     |     |      |
|     |     |     |     | 187 | 187  |     |     |     |     |     | 422  |    |     |     |     |     |      |
|     |     |     |     | 189 | 189  |     |     |     |     |     | 427  |    |     |     |     |     |      |
|     |     |     |     | 191 | 191  |     |     |     |     |     | 432  |    |     |     |     |     |      |
|     |     |     |     | 193 | 193  |     |     |     |     |     | 437  |    |     |     |     |     |      |
|     |     |     |     | 196 | 196  |     |     |     |     |     | 442  |    |     |     |     |     |      |
|     |     |     |     | 198 | 198  |     |     |     |     |     | 448  |    |     |     |     |     |      |
|     |     |     |     | 200 | 200  |     |     |     |     |     | 453  |    |     |     |     |     |      |
|     |     |     |     | 203 | 203  |     |     |     |     |     | 458  |    |     |     |     |     |      |
|     |     |     |     | 205 | 205  |     |     |     |     |     | 464  |    |     |     |     |     |      |
|     |     |     |     | 208 | 208  |     |     |     |     |     | 470  |    |     |     |     |     |      |
|     |     |     |     | 210 | 210  |     |     |     |     |     |      |    |     |     |     |     |      |
|     |     |     |     | 213 | 213  |     |     |     |     |     |      |    |     |     |     |     |      |
|     |     |     |     | 215 | 215  |     |     |     |     |     |      |    |     |     |     |     |      |
|     |     |     |     | 218 | 218  |     |     |     |     |     |      |    |     |     |     |     |      |
|     |     |     |     | 221 | 221  |     |     |     |     |     |      |    |     |     |     |     |      |
|     |     |     |     | 223 | 223  |     |     |     |     |     |      |    |     |     |     |     |      |
| 220 | 220 | 220 |     |     |      | 470 | 470 | 470 |     |     |      |    |     |     |     |     |      |

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