|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Color** | **Digits** | | | **Multiplier** | | **Tolerance** |
| Silver | 1st | 2nd | 3rd digit only for 5 bands | 0.01 | (10-2) | ± 10 % |
| Gold | 0.1 | (10-1) | ± 5 % |
| Black | 0 | 0 | 0 | 1 | (100) |  |
| Brown | 1 | 1 | 1 | 10 | (101) | ± 1 % |
| Red | 2 | 2 | 2 | 100 | (102) | ± 2 % |
| Orange | 3 | 3 | 3 | 1k | (103) |  |
| Yellow | 4 | 4 | 4 | 10k | (104) |  |
| Green | 5 | 5 | 5 | 100k | (105) | ± 0.5 % |
| Blue | 6 | 6 | 6 | 1M | (106) | ± 0.25 % |
| Violet | 7 | 7 | 7 | 10M | (107) | ± 0.1 % |
| Gray | 8 | 8 | 8 | 100M | (108) | ± 0.05 % |
| White | 9 | 9 | 9 | 1G | (109) |  |

1

0

100

= 1000 Ω ± 5%

Four bands (2 digits):

Five bands (3 digits):

= 275 Ω ± 1%

2

7

1

5