

PRODUCT GUIDE FROM NIC Components

RESISTOR COLOR CODING CHART

PRODUCTS: AXIAL LEADED RESISTORS
SERIES: NCF, NMR & NMO

Resistor Color Coding Chart

Color	Significant Figure			Multiplier	Tolerance
	1st	2nd	3rd		
Black	0	0	0	1	-
Brown	1	1	1	10	F (±1%)
Red	2	2	2	100	G (±2%)
Orange	3	3	3	1,000	-
Yellow	4	4	4	10,000	-
Green	5	5	5	100,000	D (±0.5%)
Blue	6	6	6	1,000,000	C (±0.25%)
Violet	7	7	7	10,000,000	B (±0.1%)
Grey	8	8	8	-	-
White	9	9	9	-	-
Gold	-	-	-	0.1	J (±5%)
Silver	-	-	-	0.01	K (±10%)

Standard
±5% (J) Values

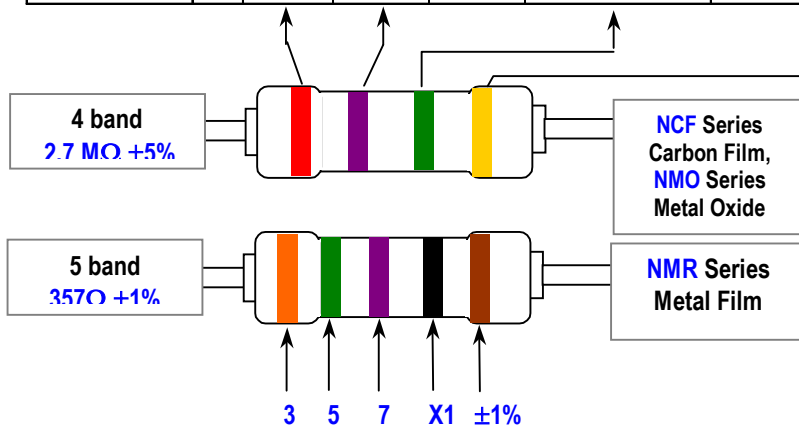
Standard ±1% (F) Values


E24

1.1
1.2
1.3
1.5
1.6
1.8
2.0
2.2
2.4
2.7
3.0
3.3
3.6
3.9
4.3
4.7
5.1
6.2
6.8
7.5
8.2
9.1

E96	E96	E96	E96
1.00	1.78	3.16	5.62
1.02	1.82	3.24	5.76
1.05	1.87	3.32	5.90
1.07	1.91	3.40	6.04
1.10	1.96	3.48	6.19
1.13	2.00	3.57	6.34
1.15	2.05	3.65	6.49
1.18	2.10	3.74	6.65
1.21	2.15	3.83	6.81
1.24	2.21	3.92	6.98
1.27	2.26	4.02	7.15
1.30	2.32	4.12	7.32
1.33	2.37	4.22	7.50
1.37	2.43	4.32	7.68
1.40	2.49	4.42	7.87
1.43	2.55	4.53	8.06
1.47	2.61	4.64	8.25
1.50	2.67	4.75	8.45
1.54	2.74	4.87	8.66
1.58	2.80	4.99	8.87
1.62	2.87	5.11	9.09
1.65	2.94	5.23	9.31
1.69	3.01	5.36	9.53
1.74	3.09	5.49	9.76

Ohm = Ω
1000 = K
1Million = M
1ohm = 0.001 K
10 ohm = 0.01 K
100 ohm = 0.1K
1000 ohm = 1.0K
10,000 ohm = 10K
100,000 ohm = 100K =0.1M
1,000,000 ohm = 1000K = 1M




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MAY 2004 - NG003