

# EIA-96 CODE RESISTOR

Code	Value	Code	Value
01	100	49	316
02	102	50	324
03	105	51	332
04	107	52	340
05	110	53	348
06	113	54	357
07	115	55	365
08	118	56	374
09	121	57	383
10	124	58	392
11	127	59	402
12	130	60	412
13	133	61	422
14	137	62	432
15	140	63	442
16	143	64	453
17	147	65	464
18	150	66	475
19	154	67	487
20	158	68	499
21	162	69	511
22	165	70	523
23	169	71	536
24	174	72	549
25	178	73	562
26	182	74	576
27	187	75	590
28	191	76	604
29	196	77	619
30	200	78	634
31	205	79	649
32	210	80	665
33	215	81	681
34	221	82	698
35	226	83	715
36	232	84	732
37	237	85	750
38	243	86	768
39	249	87	787
40	255	88	806
41	261	89	825
42	267	90	845
43	274	91	866
44	280	92	887
45	287	93	909
46	294	94	931
47	301	95	953
48	309	96	976

## यो Code को Multiplier को रूपमा प्रयोग गर्ने Word:

A = 1

D = 1000

X OR S = 0.1

B = 10

E = 10 000

Y OR R = 0.01

C = 100

F = 100 000

### EXAMPLE:

$$22A = 165 \times 1 = 165\Omega$$

$$68C = 499 \times 100 = 49900\Omega = 49.9K\Omega$$

$$43E = 274 \times 10000 = 2740000\Omega = 2740 K\Omega = 2.74 M\Omega$$

$$68X = 499 \times 0.1 = 49.9 \Omega$$

**TOLERANCE =  $\pm 1\%$**



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