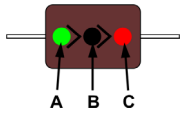


RADIO DAZE VINTAGE ELECTRONICS COMPONENT COLOR CODING

| Color Code Chart #1 | | | | | |
|---------------------|----------------|----------------|----------------|---------------|--------------|
| Color | 1st Figure "A" | 2nd Figure "B" | Multiplier "C" | Tolerance "D" | Voltage* "E" |
| Black | 0 | 0 | 1 | | |
| Brown | 1 | 1 | 10 | ± 1% * | 100 |
| Red | 2 | 2 | 100 | ± 2% * | 200 |
| Orange | 3 | 3 | 1,000 | ± 3% * | 300 |
| Yellow | 4 | 4 | 10,000 | ± 4% * | 400 |
| Green | 5 | 5 | 100,000 | ± 5% * | 500 |
| Blue | 6 | 6 | 1,000,000 | ± 6% * | 600 |
| Violet | 7 | 7 | 10,000,000 | ± 7% * | 700 |
| Gray | 8 | 8 | 100,000,000 | ± 8% * | 800 |
| White | 9 | 9 | 1,000,000,000 | ± 9% * | 900 |
| Gold | | | 0.1 | ± 5% | 1000 |
| Silver | | | 0.01 | ± 10% | 2000 |
| No Color | | | | ± 20% | 500 |

* Applies To Capacitors Only

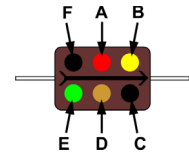
Mica Capacitors - 3 Dot RMA/EIA Code
500 Volt Rating with 20% Tolerance
Capacitance in Picofarads (pf)



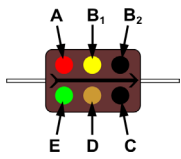
USE COLOR CODE CHART #1
Read Left-To-Right In Arrow Direction
A: 1st Significant Figure
B: 2nd Significant Figure
C: Decimal Multiplier
Note: If 4th dot in upper left corner, it indicates tolerance "D"

Illustrated As 5000 pf

Molded Capacitors
6 Dot American War Standard/JAN Code
Tolerance As Marked
Capacitance in Picofarads (pf)



Mica Capacitors—6 Dot RMA/EIA Code
Voltage Rating, Tolerance As Marked
Capacitance in Picofarads (pf)



USE COLOR CODE CHART #1
Read Left-To-Right In Arrow Direction
A: 1st Significant Figure
B₁: 2nd Significant Figure
B₂: 3rd Significant Figure
C: Decimal Figure
D: Tolerance
E: Voltage Rating
Illustrated As 240 pf @ 500V 5% tolerance

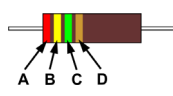
USE COLOR CODE CHART #1
Read Left-To-Right In Arrow Direction
A: 1st Significant Figure
B: 2nd Significant Figure
C: Decimal Multiplier
D: Tolerance
E: Characteristic

| Color | Temp. Coefficient p.p.m./°C | Capacitance Drift |
|--------|-----------------------------|-------------------|
| Black | ± 1000 | ± 5% +1 pf |
| Brown | ± 500 | ± 3% +1 pf |
| Red | ± 200 | ± 0.5% |
| Orange | ± 100 | ± 0.3% |
| Yellow | -20 to +100 | ± 0.1% +0.1 pf |
| Green | 0 to +70 | ± 0.05% + 0.1 pf |

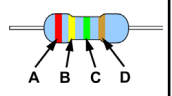
F: Black Dot = Mica, Silver Dot = Paper

Illustrated As Mica Cap 24pf 5% tolerance 0 to +70 p.p.m./°C and ± 0.05% +0.1 pf drift

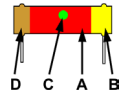
Composition Resistors



Film Resistors




Radial/Tubular Resistors



USE COLOR CODE CHART #1
A: 1st Significant Figure Of Resistance In Ohms
B: 2nd Significant Figure Of Resistance In Ohms
C: Decimal Multiplier
D: Tolerance in % (no color means ±20%)
All Three Resistor Types Are Illustrated As 2.4 Megohm 5% Tolerance

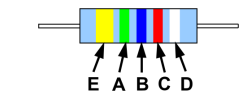
Tubular Encapsulated R.F. Chokes
Inductance in Microhenries (µh)



USE COLOR CODE CHART #1
A: 1st Significant Figure
B: 2nd Significant Figure
C: Decimal Multiplier
D: Tolerance
E: If silver band present, it indicates mil spec
Illustrated As 270 µh @ 5% tolerance

| Color Code Chart #2 | | | | | | |
|---------------------|----------------|----------------|----------------|-----------------|-----------------|---------------------------------|
| Color | 1st Figure "A" | 2nd Figure "B" | Multiplier "C" | Tolerance "D" | | "E" Temp. Coefficient p.p.m./°C |
| | | | | More Than 10 pf | Less Than 10 pf | |
| Black | 0 | 0 | 1 | ± 20% | ± 2.0 pf | 0 |
| Brown | 1 | 1 | 10 | ± 1% | | - 30 |
| Red | 2 | 2 | 100 | ± 2% | | - 80 |
| Orange | 3 | 3 | 1,000 | | | - 150 |
| Yellow | 4 | 4 | | | | - 220 |
| Green | 5 | 5 | | ± 5% | | - 330 |
| Blue | 6 | 6 | | | | - 470 |
| Violet | 7 | 7 | | | | - 750 |
| Gray | 8 | 8 | 0.01 | | ± .25 pf | 30 |
| White | 9 | 9 | 0.1 | ± 10% | ± 1.0 pf | 500 |

Tubular Ceramic Capacitors
Capacitance in Picofarads (pf)



USE COLOR CODE CHART #2
A: 1st Significant Figure
B: 2nd Significant Figure
C: Decimal Multiplier
D: Tolerance
E: Temperature Coefficient
Illustrated As 5600 pf @ 10% tolerance - 200ppm

| Suggested Hookup Wire Color Code | |
|----------------------------------|------------------------------------|
| Color | Circuit Application |
| Black | Grounds and returns |
| Brown | Filaments/Heaters off ground |
| Red | B+ power supply |
| Orange | Screen grid |
| Yellow | Cathode |
| Green | Control grid - diode plate |
| Blue | Plate |
| Violet | Power supply, negative leads |
| Gray | AC Power line leads |
| White | Bias supply, B minus, C minus, AGC |

| Power Transformers | | |
|----------------------|---------------|----------------------|
| Transformer Leads | Outside Leads | Center-Tap (if any) |
| Primary | Black | Black-Yellow Striped |
| High-Voltage (Plate) | Red | Red-Yellow Striped |
| Rectifier Filament | Yellow | Yellow-Blue Striped |
| Filament #1 | Green | Green-Yellow Striped |
| Filament #2 | Brown | Brown-Yellow Striped |
| Filament #3 | Slate | Slate-Yellow Striped |

| Audio Transformers | |
|--|------------|
| Transformer Leads | Lead Color |
| Plate (finish) lead of primary | Blue |
| "B+" lead (whether center-tapped or not) | Red |
| Plate (start) lead on center-tapped primaries | Brown |
| Grid (finish) lead to secondary | Green |
| Grid return (whether center-tapped or not) | Black |
| Grid (start) lead on center-tapped secondaries | Yellow |

| I.F. Transformers | |
|-----------------------------------|------------|
| Transformer Leads | Lead Color |
| Plate lead of primary | Blue |
| "B+" lead of primary | Red |
| Grid (or diode) lead of secondary | Green |
| Grid (or diode) return | Black |

Note: If secondary is center-tapped, the 2nd diode plate lead is green-black striped and black is used for the center-tap