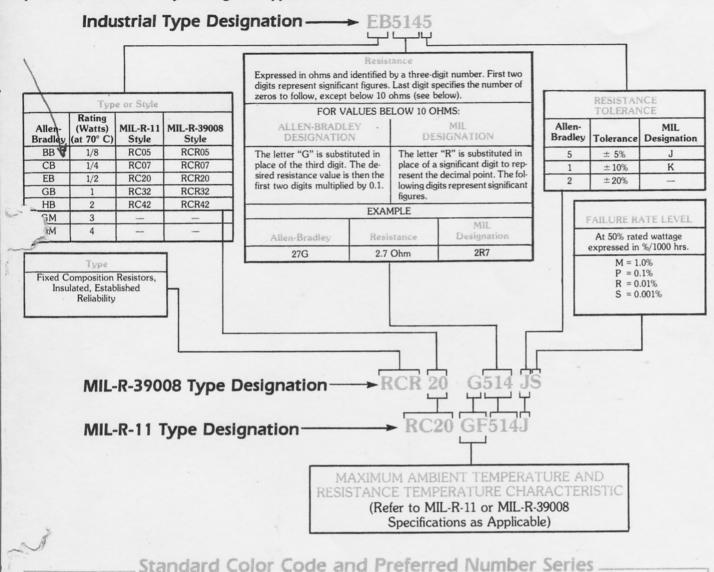
## **Explanation of Part Numbers**

All Allen-Bradley Hot-Molded Carbon Composition resistors are identified by a Part Number which will provide information as to the type of resistor, resistance value, and tolerance. The Part Number is merely for identification on drawings, specifications, ordering, and other areas where it is convenient to use a Part Number to describe a particular resistor. The only markings that appear on the resistor are the Color Code bands.



## First Band - 1st Digit Perferred Number Series Second Band - 2nd Digit 15 22 33 47 68 ± 5% Reliability Level 75 11 16 24 36 51 Tolerance (Percent Per 1000 Hours) 27 39 56 82 12 18 (E24) (When Applicable) 43 62 91 Multiplier Tolerance 13 20 30 Digit Color ± 10% Black 0 10 47 68 15 22 33 M = 1.0%10 Tolerance Brown 82 12 18 27 39 56 P = 0.1%Red 2 100 (E12) R = 0.01%3 1000 Orange ± 20% = 0.001% 4 10,000 Yellow Tolerance 10 22 33 47 68 15 100,000 Green (E6) 1,000,000 Blue 10,000,000 Violet Gray White

± 5%

± 10%

 $\pm 20\%$ 

0.1

Gold

Silver

No color