



colour	significant figures	multiplier	tol. (%)	TC (. 10 ⁻⁶ /K)
black	0	1 x	+ 1%	100
brown	1	10 x		
red	2	100 x		
orange	3	1 000 x	± 0,5	15
yellow	4	10 000 x		
green	5	100 000 x	± 0,25	10
blue	6	1 000 000 x		
violet	7		± 0,1	5
grey	8			
white	9			1
silver	—	0,01 x		
gold	—	0,1 x		

Temperature Coefficient shown on resistors

The IEC committee number 40 has agreed upon a colour code system for temperature coefficients of resistors.

This new T.C. colour coding system will be used by Philips in all the MR25 and MR30 programs with tolerances of 1.0 and 0.5 percent.

A survey of the new T.C. colour coding system according to IEC62 is shown above.

When colour coded, the nominal resistance value and the tolerance are marked on these resistors by means of six coloured bands according to IEC publication 62 "Colour code for fixed resistors" (see also IEC publication 115-1 clause 4.5). For further information contact Philips Elcoma, 67 Mars Road, Lane Cove NSW 2066. (02)427-0888.