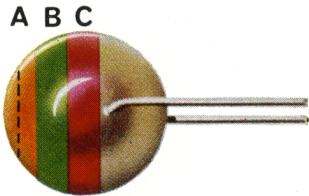


COLOUR CODE FOR RESISTORS AND CAPACITORS

CARBON RESISTORS

PIN-UP CAPACITORS

Note: Tolerance indication. The absence of a tolerance band indicates $\pm 20\%$ tolerance for resistors and refer to data on specific types for capacitors.

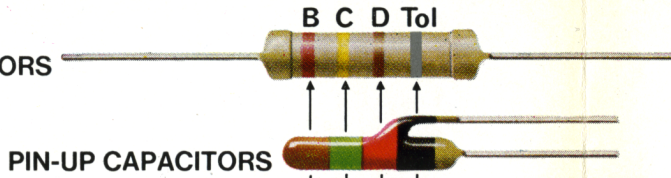


V.D.R.
with silvertop 10% tol.

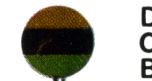
TC

-0×10^{-6}	
-150×10^{-6}	
-750×10^{-6}	

PHILIPS INDUSTRIAL COMPONENTS
AND MATERIALS DIVISION



A	B	C	D	Tol
0	0	0	$\times 1 \Omega / pF$	$\pm 20\%$
1	1	1	$\times 10$	$\pm 10\%$
2	2	2	$\times 100$	$\pm 5\%$
3	3	3	$\times 1000$	$\pm 2\%$
	4	4	$\times 10.000$	$\pm 1\%$
	5	5	$\times 100.000$	
	6	6	$\times 1.000.000$	
	7	7	$\times 0.1 pF$	
	8	8	$\times 0.01 pF$	
	9	9	$\times 0.1 \Omega$	
B	C	D		



Note: For N.T.C. resistors the colourcode should be read from the lead end to the top.

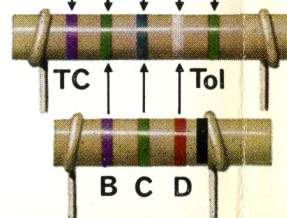
N.T.C.
with silvertop 10% tol.

BCD Tol



FLAT FOIL CAPACITORS

$C > 10 pF$	$\pm 20\%$
$\parallel$	$\pm 10\%$
	$\pm 5\%$
	$\pm 2\%$
	$\pm 1\%$
$C < 10 pF$	$\pm 1 pF$
$\parallel$	$\pm 0.5 pF$
	$\pm 0.25 pF$
	$\pm 0.1 pF$
R	$\pm 5\%$
$\square$	$\pm 10\%$



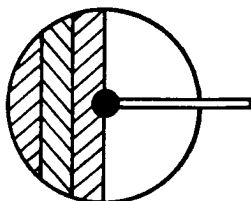
CERAMIC CAPACITOR CLASS I: TUNING PURPOSES

CERAMIC CAPACITOR CLASS II: DECOUPLING PURPOSES

STANDARD VDR DISC COLOUR CODING (E 299D./P...)

Colourband A indicates measuring current

A B C



A	measuring current
1	100 mA
2	10 mA
3	1 mA

Silvertip 10% tolerance

Colourbands B and C indicate voltage at measuring current

B	C	voltage
1	6	8 V
1	8	10 V
2	0	12 V
2	2	15 V
2	4	18 V
2	6	22 V
2	8	27 V
3	0	33 V
3	2	39 V
3	4	47 V

B	C	voltage
3	6	56 V
3	8	68 V
4	0	82 V
4	2	100 V
4	4	120 V
4	6	150 V
4	8	180 V
5	0	220 V
5	2	270 V
5	4	330 V

Colour-coding for special types VDR not indicated in this table.

STANDARD NTC DISC COLOUR CODING

Colourbands BCD indicate resistance value at 25 °C.