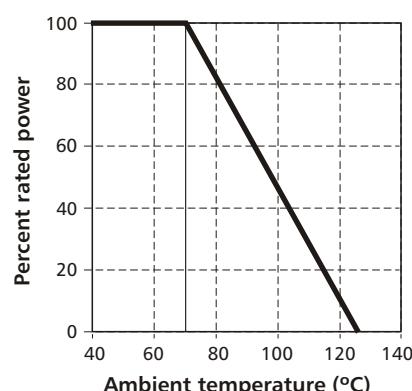


## Derating



## Mounting

The resistors are suitable for processing on automatic insertion equipment.

## Marking

CRG0805, CRG1206, CRG2010, CRG2512

E24 series resistors are marked with a three digit code.

E96 series resistors are marked with a four digit code.

Zerohm components are marked '0'.

CRG0603

E24 5% series are marked with a three digit code.

E24 1% series are marked with a three digit code.

EXCEPT 10, 11, 13, 15, 20 & 75 decades which are marked as the E96 series.

E96 series are marked with the international alphanumeric three character code (available on request).

CRG0402 series unmarked.

## Performance Characteristics

The evaluation of the performance characteristics is carried out with reference to IEC specifications QC 400 000 and QC 400 600.

TEST REF	Long Term Tests $\pm(3\% + 0.1 \text{ ohm})$
4.23	Climatic sequence
4.24	Damp heat, steady state
4.25.1	Endurance at 70 °C
4.25.3	Endurance at 125 °C
TEST REF	Short Term Tests $\pm(1\% + 0.05 \text{ ohm})$
4.13	Overload
4.32	Adhesion
4.33	Bond strength of end face plating
4.19	Rapid change of temperature
4.18	Resistance to soldering heat

## Storage

Unopened reels should be stored within a temperature range of +5 °C to +25 °C, separated from any dust, chemicals and solvent based materials. Non-adherence to this procedure could effect the solderability of this product.

## Ordering Information

Orders for these components should include the following information:-

Type, tolerance code letter and value

e.g. CRG0603 J 1K0 (CRG0603ZR for zerohm links)

## Packaging

All chip resistors are supplied on reels. For details, see figures 1 - 4. Also available in bulk cassettes.

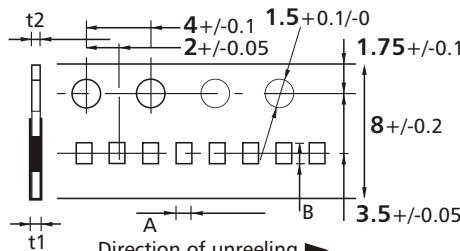


Fig. 1 - 8mm wide tape - 2mm pitch

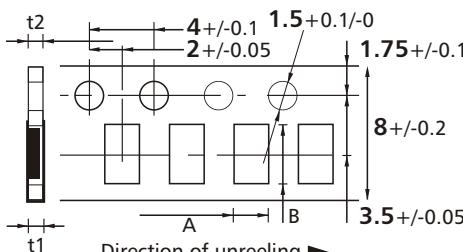


Fig. 2 - 8mm wide tape - 4mm pitch

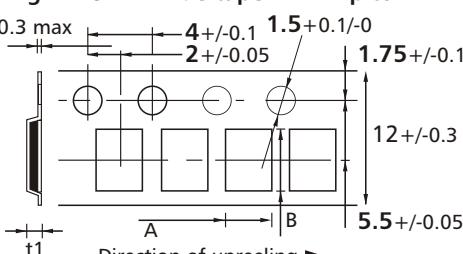


Fig. 3 - 12mm wide blister tape

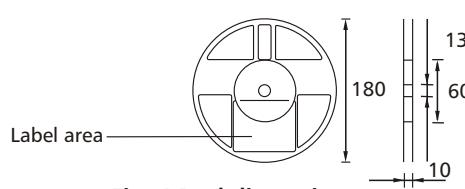


Fig. 4 Reel dimensions

Tape Variable Dimensions						
	0402	0603	0805	1206	2010	2512
Tape Width	8	8	8	8	12	12
Pitch	2	4	4	4	4	4
A tol	0.63 $\pm 0.05$	1.1 $\pm 0.2$	1.65 $\pm 0.2$	2.0 $\pm 0.15$	2.9 $\pm 0.1$	3.4 $\pm 0.1$
B tol	1.13 $\pm 0.05$	1.9 $\pm 0.2$	2.4 $\pm 0.2$	3.6 $\pm 0.2$	5.3 $\pm 0.1$	6.6 $\pm 0.1$
t1 tol	0.55 $\pm 0.1$	0.7 $\pm 0.1$	0.9 $\pm 0.1$	0.9 $\pm 0.1$	1.0 $\pm 0.1$	1.0 $\pm 0.1$
t2 max	0.5	0.8	1	1	-	-
Reel qty.	10000	5000	5000	5000	4000	4000

Larger reel sizes available on request.

