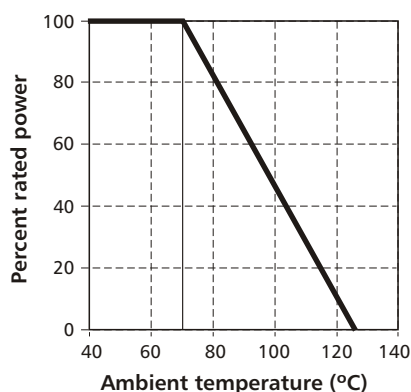


Derating



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.

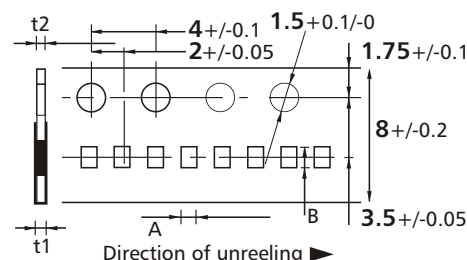


Fig. 1 - 8mm wide tape - 2mm pitch

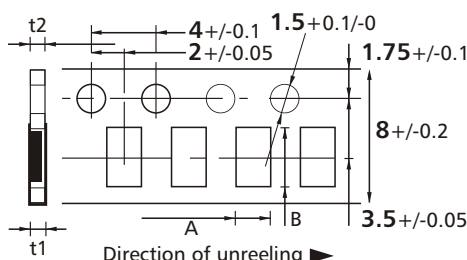


Fig. 2 - 8mm wide tape - 4mm pitch

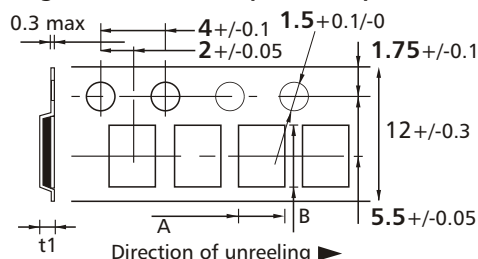


Fig. 3 - 12mm wide blister tape

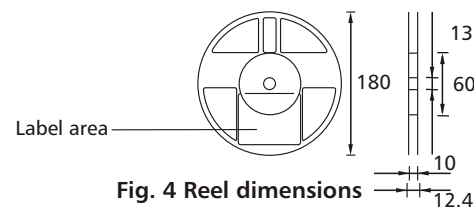


Fig. 4 Reel dimensions

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	0.63	1.1	1.65	2.0	2.9	3.4
tol	± 0.05	± 0.2	± 0.2	± 0.15	± 0.1	± 0.1
B	1.13	1.9	2.4	3.6	5.3	6.6
tol	± 0.05	± 0.2	± 0.2	± 0.2	± 0.1	± 0.1
t1	0.55	0.7	0.9	0.9	1.0	1.0
tol	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1	± 0.1
t2 max	0.5	0.8	1	1	-	-
Reel qty.	10000	5000	5000	5000	4000	4000

Larger reel sizes available on request.