

## Type CRG Series

### Key Features

**Thick Film**  
Resistors with high power to size ratio, ideally suited to industrial and general purpose use

**Value range**  
from 1Ω to 10MΩ

**Eight package sizes**

**Terminal finish**  
matte Sn over Ni



The resistive element is screen printed and fired, and a passivation layer added. Each resistor is trimmed to tolerance by laser. The pre-scribed tile is then broke into strips, the end plating fired on, and the strips broken into individual components. Final termination finish is electroplated matte Sn over a Ni barrier layer.

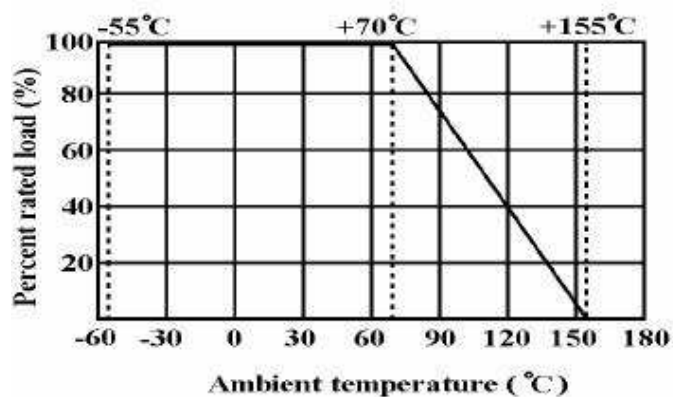
### Electrical Characteristics

| Type                              | 0201          | 0402   | 0603 | 0805  | 1206 | 1210 | 2010  | 2512 |
|-----------------------------------|---------------|--------|------|-------|------|------|-------|------|
| Power rating (W)                  | 0.05          | 0.0625 | 0.1  | 0.125 | 0.25 | 0.5  | 0.75W | 1W   |
| Resistance range (Ω)              | Min           | 1R0    | 1R0  | 1R0   | 1R0  | 1R0  | 1R0   | 1R0  |
|                                   | Max           | 10M    | 10M  | 10M   | 10M  | 10M  | 10M   | 10M  |
| Tolerance (%)                     | 1             | 1      | 1    | 1     | 1    | 1    | 1     | 1    |
| Code Letter                       | F             | F      | F    | F     | F    | F    | F     | F    |
| Max Working Voltage               | 25V           | 50V    | 75V  | 150V  | 200V | 200V | 200V  | 200V |
| Max Overload Voltage              | 50V           | 100V   | 150V | 300V  | 400V | 500V | 500V  | 500V |
| Dielectric Strength (V)           | -             | 100V   | 300V | 500V  | 500V | 500V | 500V  | 500V |
| Rated current (Jumper) (A)        | 0.5A          | 1A     | 1A   | 2A    | 2A   | 2A   | 2A    | 2A   |
| Max Overload Current (A) (Jumper) | 1A            | 2A     | 2A   | 5A    | 10A  | 10A  | 10A   | 10A  |
| Temperature Range                 | -55°C ~ 155°C |        |      |       |      |      |       |      |

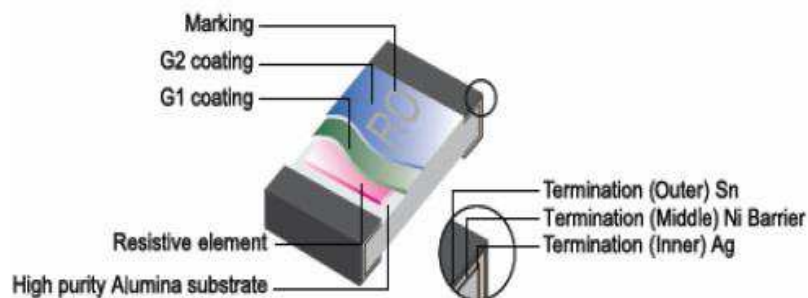
### Power rating:

Resistors shall have a power rating based on continuous load operation at an ambient temperature of 70 °C . For temperature in excess of 70 °C , The load shall be derate as shown below

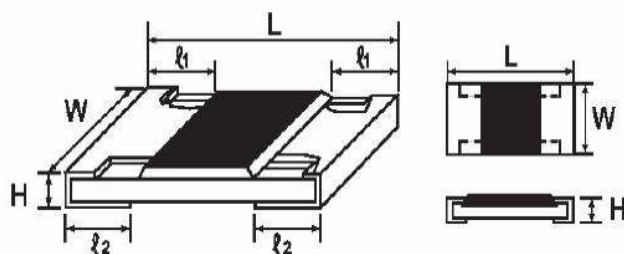
## Derating Chart



## Construction

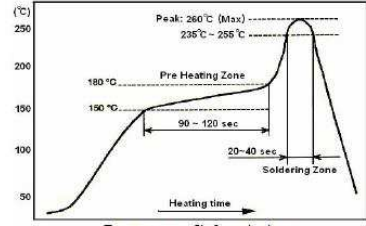


## Dimensions:



| Type | Dimensions (mm) |                    |           |           |           |
|------|-----------------|--------------------|-----------|-----------|-----------|
|      | L               | W                  | H         | $l_1$     | $l_2$     |
| 0201 | 0.60±0.03       | 0.30±0.03          | 0.23±0.03 | 0.10±0.05 | 0.15±0.05 |
| 0402 | 1.00±0.10       | 0.50±0.05          | 0.35±0.05 | 0.20±0.10 | 0.25±0.10 |
| 0603 | 1.60±0.10       | 0.80±0.15<br>-0.10 | 0.45±0.10 | 0.30±0.20 | 0.30±0.20 |
| 0805 | 2.00±0.15       | 1.25±0.15<br>-0.10 | 0.55±0.10 | 0.40±0.20 | 0.40±0.20 |
| 1206 | 3.10±0.15       | 1.55±0.15<br>-0.10 | 0.55±0.10 | 0.45±0.20 | 0.45±0.20 |
| 1210 | 3.10±0.10       | 2.60±0.15          | 0.55±0.10 | 0.50±0.25 | 0.50±0.20 |
| 2010 | 5.00±0.10       | 2.50±0.15          | 0.55±0.10 | 0.60±0.25 | 0.50±0.20 |
| 2512 | 6.35±0.10       | 3.20±0.15          | 0.55±0.10 | 0.60±0.25 | 0.50±0.20 |

## Performance Specification:

| Characteristic                              | Specification                                                                                                                                                                                                                                                                      | Test Methods<br>(JIS C 5201-1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *Insulation Resistance                      | 1,000MΩ Min.                                                                                                                                                                                                                                                                       | Apply 500V DC between protective coating and termination for 1 min, then measure (Sub-clause 4.6)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| *Dielectric Withstanding Voltage            | No evidence of flashover mechanical damage, arcing or insulation break down                                                                                                                                                                                                        | Apply 100V(0402) 300V(0603) & 500V (0805,1206,1210,2010,2512) AC between protective coating and termination for 1 minute (Sub-clause 4.7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Temperature Coefficient of Resistance (TCR) | $1\Omega\text{--}10\Omega : \pm 400 \text{ PPM}/^\circ\text{C}$<br>$10.1\Omega\text{--}100\Omega : \pm 200 \text{ PPM}/^\circ\text{C}$<br>$101\Omega\text{--}10\text{M}\Omega : \pm 100 \text{ PPM}/^\circ\text{C}$<br>For 0201: $>100\Omega : \pm 200 \text{ PPM}/^\circ\text{C}$ | Natural resistance change per temp. degree centigrade.<br>$\frac{R_2 - R_1}{R_1(t_2 - t_1)} \times 10^6 \text{ (PPM}/^\circ\text{C)}$ R1: Resistance value at room temperature (t1)<br>R2: Resistance value at room temp. plus 100 °C (t2)<br>(Sub-clause 4.8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Short Term Overload                         | Resistance change rate is:<br>$\pm 5\% (2.0\% + 0.1\Omega) \text{ Max.}$<br>$\pm 1\% (1.0\% + 0.1\Omega) \text{ Max.}$                                                                                                                                                             | Permanent resistance change after the application of a potential of 2.5 times RCWV for 5 seconds (Sub-clause 4.13)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| *Solderability                              | 95 % coverage Min.                                                                                                                                                                                                                                                                 | Test temperature of solder : $245 \pm 3^\circ\text{C}$<br>Dipping time solder : 2-3 seconds (Sub-clause 4.17)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Soldering Temp. Reference                   | Electrical characteristics shall be satisfied without distinct deformation in appearance.<br>(95 % coverage Min.)                                                                                                                                                                  | <b>Wave soldering condition: (2 cycles Max.)</b><br>Pre-heat : $100 \sim 120^\circ\text{C}$ , $30 \pm 5 \text{ sec.}$<br>Suggestion solder temp.: $235 \sim 255^\circ\text{C}$ , 10 sec. (Max.)<br>Peak temp.: $260^\circ\text{C}$<br><b>Reflow soldering condition: (2 cycles Max.)</b><br>Pre-heat : $150 \sim 180^\circ\text{C}$ , $90 \sim 120 \text{ sec.}$<br>Suggestion solder temp.: $235 \sim 255^\circ\text{C}$ , 20 ~ 40 sec.<br>Peak temp.: $260^\circ\text{C}$<br> <p>The graph shows a temperature profile for evaluation. The y-axis is temperature in °C (50 to 250) and the x-axis is heating time. The profile includes a Pre Heating Zone (150°C to 180°C, 90-120 sec), a Soldering Zone (235°C to 255°C, 20-40 sec), and a peak at 260°C (Max.).</p> <b>Hand soldering condition:</b><br>The soldering iron tip temperature should be less than $300^\circ\text{C}$ and maximum contract time should be 5 sec. |
| Soldering Heat                              | Resistance change rate is:<br>$\pm(1\%+0.05\Omega) \text{ Max.}$                                                                                                                                                                                                                   | Dip the resistor into a solder bath having a temperature of $260^\circ\text{C} \pm 3^\circ\text{C}$ and hold it for $10 \pm 1 \text{ seconds.}$<br>(Sub-clause 4.18)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Performance Specification: (Continued)

| Characteristic                                                | Specification                                                                         | Test Methods<br>(JIS C 5201-1)                                                                                                                                                         |             |            |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------|
| Temperature Cycling                                           | Resistance change rate is<br><br>± 5% (1.0% + 0.05Ω) Max.<br>± 1% (0.5% + 0.05Ω) Max. | Resistance change after continuous<br>5 cycles for duty cycle specified below :                                                                                                        |             |            |
|                                                               |                                                                                       | Step                                                                                                                                                                                   | Temperature | Time       |
|                                                               |                                                                                       | 1                                                                                                                                                                                      | -55°C±3°C   | 30 mins    |
|                                                               |                                                                                       | 2                                                                                                                                                                                      | Room Temp   | 10~15 mins |
|                                                               |                                                                                       | 3                                                                                                                                                                                      | 155°C±2°C   | 30 mins    |
|                                                               |                                                                                       | 4                                                                                                                                                                                      | Room Temp   | 10~15 mins |
|                                                               |                                                                                       | (Sub-clause 4.19)                                                                                                                                                                      |             |            |
| Load Life in Humidity                                         | Resistance change rate is<br>± 5% (3.0% + 0.1Ω) Max.<br>± 1% (1.0% + 0.1Ω) Max.       | Resistance change after 1,000 hours (1.5 hours "on", 0.5 hour "off" ) at RCWV in a humidity chamber controlled at 40°C ± 2°C and 90 to 95 % relative humidity<br>(Sub-clause 4.24.2.1) |             |            |
| Load Life                                                     | Resistance change rate is<br>± 5% (3.0% + 0.1Ω) Max.<br>± 1% (1.0% + 0.1Ω) Max.       | Permanent resistance change after 1,000 hours operating at RCWV, with duty cycle of (1.5 hours "on", 0.5 hour "off") at 70°C ± 2°C ambient<br>(Sub-clause 4.25.1)                      |             |            |
| Terminal Bending                                              | Resistance change rate is<br>± (1.0% + 0.05Ω) Max.                                    | Twist of Test Board :<br>Y/X = 5/90 mm for 10 seconds<br>(Sub-clause 4.33)                                                                                                             |             |            |
| The resistors of 0Ω only can do the characteristic noted of * |                                                                                       |                                                                                                                                                                                        |             |            |

## Environment Related Substance

This product complies to EU RoHS directive, EU PAHs directive, EU PFOS directive and Halogen free. Ozone layer depleting substances are not used in our manufacturing process of this product.

This product is not manufactured using Chloro fluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFCs), Hydrobromofluorocarbons (HBFCs) or other ozone depleting substances in any phase of the manufacturing process.

## Storage Condition

The performance of these products, including the solderability, is guaranteed for a year from the date of arrival at your company, provided that they remain packed as they were when delivered and stored at a temperature of 25°C  $\pm$  10°C and a relative humidity of 60%RH  $\pm$  10%RH, chemical and dust free atmosphere

Even within the above guarantee periods, do not store these products in the following conditions otherwise, their electrical performance and/or solderability may be deteriorated, and the packaging materials (e.g. taping materials) may be deformed or deteriorated, resulting in mounting failures.

1. In salty air or in air with a high concentration of corrosive gas, such as Cl<sub>2</sub>, H<sub>2</sub>S, NH<sub>3</sub>, SO<sub>2</sub>, or NO<sub>2</sub>
2. In direct sunlight

## Marking

E24 series 0603 – 2512 3 Digits – first two digits denote significant figures of resistance and third digit denotes number of zeros thereafter. EG

|  |     |  |
|--|-----|--|
|  | 222 |  |
|--|-----|--|

=
2K2

Marking for E96 Series 0805 – 2512 4 digits – First three digits denote significant figures of resistance and fourth digit denotes number of zeros thereafter. EG.

|  |      |  |
|--|------|--|
|  | 1000 |  |
|--|------|--|

=
100R

For ohmic values below 100R letter “R” denotes decimal point. EG

|  |      |  |
|--|------|--|
|  | 1R80 |  |
|--|------|--|

=
1R8 / 1.8Ω

0201 and 0402 size chips are not marked

0603 E96 3 digit marking.

Resistance Code from table on next page, and Multiplier code from table below

### Multiplier Code

| Code  | A               | B               | C               | D               | E               | F               | G               | H               | X                | Y                | Z                |
|-------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|
| Mult. | 10 <sup>0</sup> | 10 <sup>1</sup> | 10 <sup>2</sup> | 10 <sup>3</sup> | 10 <sup>4</sup> | 10 <sup>5</sup> | 10 <sup>6</sup> | 10 <sup>7</sup> | 10 <sup>-1</sup> | 10 <sup>-2</sup> | 10 <sup>-3</sup> |

| Coding                                                                                                                                                                                                                                                                                                                  | Formula                                                                                                                                                                                                                                                                                                                      | Example                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div style="display: flex; align-items: center;"> <div style="border-bottom: 1px solid black; width: 40px; text-align: center; margin-right: 5px;">XX</div> <div style="border-left: 1px solid black; border-bottom: 1px solid black; width: 40px; height: 20px; margin-right: 5px;"></div> <div>Res. Code</div> </div> | <div style="display: flex; align-items: center;"> <div style="border-bottom: 1px solid black; width: 20px; text-align: center; margin-right: 5px;">X</div> <div style="border-left: 1px solid black; border-bottom: 1px solid black; width: 40px; height: 20px; margin-right: 5px;"></div> <div>Multiplier Code</div> </div> | <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">10K2</div> <div style="margin-right: 10px;">=</div> <div style="display: flex; align-items: center; margin-right: 10px;"> <div style="text-align: center; margin-right: 5px;">102<br/>↓<br/>02</div> <div style="margin: 0 5px;">X</div> <div style="text-align: center; margin-right: 5px;">10<sup>2</sup><br/>↓<br/>C</div> </div> <div style="margin-right: 10px;">=</div> <div style="margin-right: 10px;">02C</div> </div> <div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">33R2</div> <div style="margin-right: 10px;">=</div> <div style="display: flex; align-items: center; margin-right: 10px;"> <div style="text-align: center; margin-right: 5px;">332<br/>↓<br/>51</div> <div style="margin: 0 5px;">X</div> <div style="text-align: center; margin-right: 5px;">10<sup>-1</sup><br/>↓<br/>X</div> </div> <div style="margin-right: 10px;">=</div> <div style="margin-right: 10px;">51X</div> </div> |

## Resistance Code

| Value | Code | Value | Code | Value | Code | Value | Code | Value | Code |
|-------|------|-------|------|-------|------|-------|------|-------|------|
| 100   | 01   | 162   | 21   | 261   | 41   | 422   | 61   | 681   | 81   |
| 102   | 02   | 165   | 22   | 267   | 42   | 432   | 62   | 698   | 82   |
| 105   | 03   | 169   | 23   | 274   | 43   | 442   | 63   | 715   | 83   |
| 107   | 04   | 174   | 24   | 280   | 44   | 453   | 64   | 732   | 84   |
| 110   | 05   | 178   | 25   | 287   | 45   | 464   | 65   | 750   | 85   |
| 113   | 06   | 182   | 26   | 294   | 46   | 475   | 66   | 768   | 86   |
| 115   | 07   | 187   | 27   | 301   | 47   | 487   | 67   | 787   | 87   |
| 118   | 08   | 191   | 28   | 309   | 48   | 499   | 68   | 806   | 88   |
| 121   | 09   | 196   | 29   | 316   | 49   | 511   | 69   | 825   | 89   |
| 124   | 10   | 200   | 30   | 324   | 50   | 523   | 70   | 845   | 90   |
| 127   | 11   | 205   | 31   | 332   | 51   | 536   | 71   | 866   | 91   |
| 130   | 12   | 210   | 32   | 340   | 52   | 549   | 72   | 887   | 92   |
| 133   | 13   | 215   | 33   | 348   | 53   | 562   | 73   | 909   | 93   |
| 137   | 14   | 221   | 34   | 357   | 54   | 576   | 74   | 931   | 94   |
| 140   | 15   | 226   | 35   | 365   | 55   | 590   | 75   | 953   | 95   |
| 143   | 16   | 232   | 36   | 374   | 56   | 604   | 76   | 976   | 96   |
| 147   | 17   | 237   | 37   | 383   | 57   | 619   | 77   |       |      |
| 150   | 18   | 243   | 38   | 392   | 58   | 634   | 78   |       |      |
| 154   | 19   | 249   | 39   | 402   | 59   | 649   | 79   |       |      |
| 158   | 20   | 255   | 40   | 412   | 60   | 665   | 80   |       |      |

## Label

Label shall be marked with the following item :

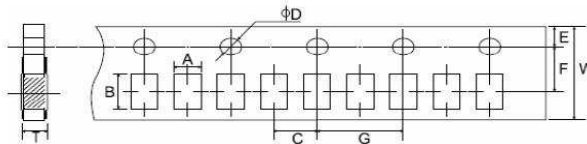
- A. Nominal Resistance and Resistance Tolerance
- B. Power Rating and Size
- C. Quantity and description
- D. Part No.
- E. Lot No.
- Ex.

|                                                                                      |                                                                                     |           |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
| <b>RT008-04</b>                                                                      |  |           |
| 606150040052                                                                         | CHIP RESISTORS                                                                      | <b>r</b>  |
| Resistance: 100R $\Omega$                                                            |                                                                                     | $\pm 1\%$ |
| Wattage: 0.25W                                                                       | Size: 1206                                                                          |           |
| Quantity: 5000 PCS                                                                   | CRG 1206 1% 100R                                                                    |           |
| PART NO. 1623403-1                                                                   | RoHS 2011/65/EU                                                                     |           |
| LOT NO.                                                                              | REF #                                                                               |           |
| Order Code (YYWW)                                                                    | 1623 Rev. BA                                                                        |           |
|  |                                                                                     |           |

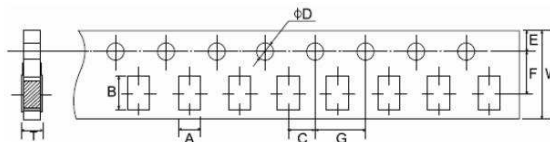
## Packing Specification:

### Tape dimensions (mm)

#### A. Paper Taping

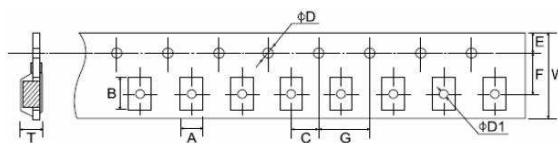


| Type | A±0.2         | B±0.2         | C±0.05 | ØD+0.1<br>-0 | E±0.1 | F±0.05 | G±0.1 | W±0.2 | T±0.1 |
|------|---------------|---------------|--------|--------------|-------|--------|-------|-------|-------|
| 0201 | 0.40<br>±0.05 | 0.70<br>±0.05 | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.42  |
| 0402 | 0.65          | 1.15          | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.45  |



| Type | A±0.2 | B±0.2 | C±0.05 | ØD+0.1<br>-0 | E±0.1 | F±0.05 | G±0.1 | W±0.2 | T±0.1 |
|------|-------|-------|--------|--------------|-------|--------|-------|-------|-------|
| 0603 | 1.10  | 1.90  | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.67  |
| 0805 | 1.65  | 2.40  | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.81  |
| 1206 | 2.00  | 3.60  | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.81  |
| 1210 | 2.80  | 3.50  | 2.0    | 1.5          | 1.75  | 3.5    | 4.0   | 8.0   | 0.75  |

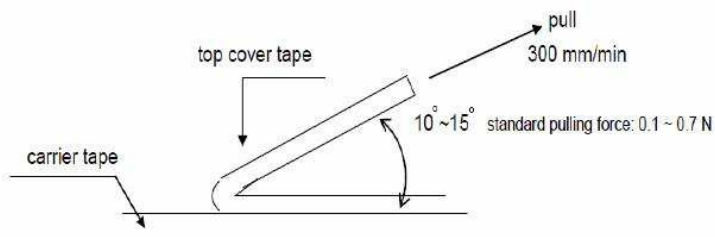
#### B. Embossed Taping



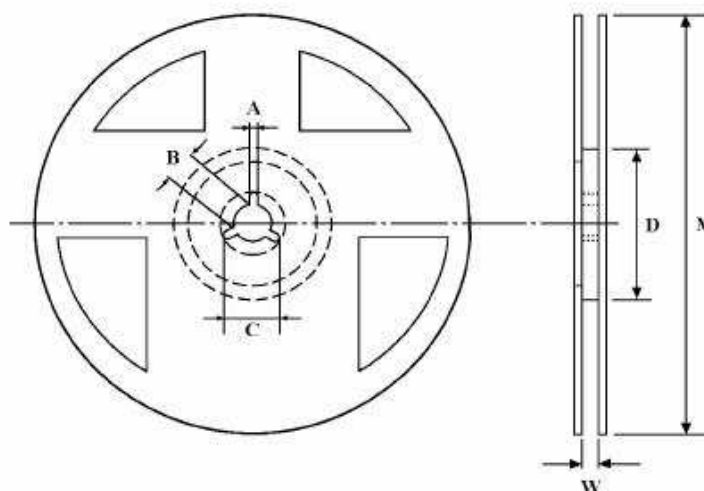
| Type | A<br>±0.2 | B<br>±0.2 | C<br>±0.05 | ØD+0.1<br>-0 | ØD1+0.1<br>-0 | E<br>±0.1 | F<br>±0.05 | G<br>±0.1 | W<br>±0.2 | T<br>±0.1 |
|------|-----------|-----------|------------|--------------|---------------|-----------|------------|-----------|-----------|-----------|
| 2010 | 2.90      | 5.60      | 2.0        | 1.5          | 1.5           | 1.75      | 5.5        | 4.0       | 12.0      | 1.0       |
| 2512 | 3.50      | 6.70      | 2.0        | 1.5          | 1.5           | 1.75      | 5.5        | 4.0       | 12.0      | 1.0       |

\* Peeling Strength of Top Cover Tape

Test Condition: 0.1 to 0.7 N at a peel-off speed of 300 mm / min.



## Reel Dimension (mm)



| Type | Taping   | Reel Quantity | A $\pm 0.5$ | B $\pm 0.5$ | C $\pm 0.5$ | D $\pm 1$ | M $\pm 1$ | W $\pm 1$ |
|------|----------|---------------|-------------|-------------|-------------|-----------|-----------|-----------|
| 0201 | Paper    | 10,000        | 2           | 13          | 21          | 60        | 178       | 10        |
| 0402 | Paper    | 10,000        | 2           | 13          | 21          | 60        | 178       | 10        |
| 0603 | Paper    | 5,000         | 2           | 13          | 21          | 60        | 178       | 10        |
| 0805 | Paper    | 5,000         | 2           | 13          | 21          | 60        | 178       | 10        |
| 1206 | Paper    | 5,000         | 2           | 13          | 21          | 60        | 178       | 10        |
| 1210 | Paper    | 5,000         | 2           | 13          | 21          | 60        | 178       | 10        |
| 2010 | Embossed | 4,000         | 2           | 13          | 21          | 60        | 178       | 13.8      |
| 2512 | Embossed | 4,000         | 2           | 13          | 21          | 60        | 178       | 13.8      |

## How To Order

| CRG                            | 0603 | F             | 10K                            |
|--------------------------------|------|---------------|--------------------------------|
| Common Part                    | Size | Tolerance     | Resistance Value               |
| CRG - Thick Film Chip Resistor | 0201 | F - $\pm 1\%$ | 1 ohm (1 $\Omega$ ) 1R0        |
|                                | 0402 |               |                                |
|                                | 0603 |               | 1K ohm (1000 $\Omega$ ) 1K0    |
|                                | 0805 |               |                                |
|                                | 1206 |               | 100K ohm (100000 $\Omega$ )    |
|                                | 1210 |               | 100K                           |
|                                | 2010 |               |                                |
|                                | 2512 |               | 1M ohm (1000000 $\Omega$ ) 1M0 |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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