



*

* Q
High Q

*

* GB/T 21041-2007

*

0402 HQ 1R0 A 500 N T

| | (LxW) inch | (LxW) mm |
|------|---------------|-------------|
| 0201 | 0.02x0.01 | 0.60x0.30 |
| 0402 | 0.04x0.02 | 1.00x0.50 |
| 0603 | 0.06x0.03 | 1.60x0.80 |
| 0805 | 0.08x0.05 | 2.00x1.25 |

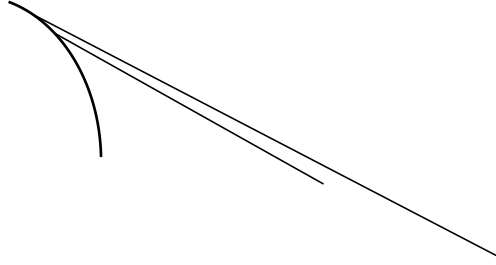
0R5 0.5
1R0 1.0
102 10 10²

| | |
|----|-----|
| | |
| HQ | COG |

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|--|--|
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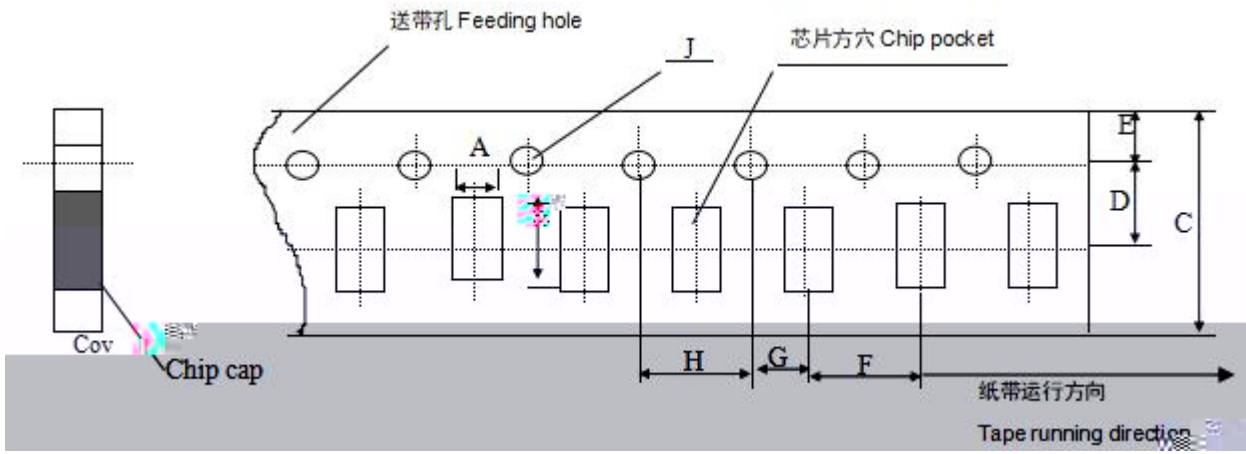
| | | | | | | | | | |
|-------------|---------|--|---|-------------|---|-------|-------|--------|--------|
| | | | | | | | | | |
| | 10,000M | | <p>60±5 75% 25 ±3 50mA</p> | | | | | | |
| | | | | | | | | | |
| | | | <table border="1"> <tr> <td>Sn/Pb 63/37</td> <td></td> </tr> <tr> <td>235 5</td> <td>245 5</td> </tr> <tr> <td>2 0.5s</td> <td>2 0.5s</td> </tr> </table> | Sn/Pb 63/37 | | 235 5 | 245 5 | 2 0.5s | 2 0.5s |
| Sn/Pb 63/37 | | | | | | | | | |
| 235 5 | 245 5 | | | | | | | | |
| 2 0.5s | 2 0.5s | | | | | | | | |
| | CC | | <p>265 5 10 1s</p> | | | | | | |
| | Q | | | | | | | | |
| | IR | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | C/C | | | | | | | | |
| | | | <table border="1"> <tr> <td></td> <td>T</td> </tr> <tr> <td>0402</td> <td>2N</td> </tr> <tr> <td>0603</td> <td>5N</td> </tr> </table> | | T | 0402 | 2N | 0603 | 5N |
| | T | | | | | | | | |
| 0402 | 2N | | | | | | | | |
| 0603 | 5N | | | | | | | | |
| | | | <p>60+1</p> | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|--------|------------------|---|---|----|----------|---|--|--|--|---|-----------|-------|---|-------|--------|---|--------------|-------|---|-------|--------|
| | <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 20%;"></td> <td>COG</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </table> | | COG | | | | | <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 5%;"></td> <td style="width: 75%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>1</td> <td>(COG:-55)</td> <td>30min</td> </tr> <tr> <td>2</td> <td>: +20</td> <td>2 3min</td> </tr> <tr> <td>3</td> <td>(COG: +125)</td> <td>30min</td> </tr> <tr> <td>4</td> <td>: +20</td> <td>2 3min</td> </tr> </table> | | | | 1 | (COG:-55) | 30min | 2 | : +20 | 2 3min | 3 | (COG: +125) | 30min | 4 | : +20 | 2 3min |
| | COG | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | (COG:-55) | 30min | | | | | | | | | | | | | | | | | | | | | |
| 2 | : +20 | 2 3min | | | | | | | | | | | | | | | | | | | | | |
| 3 | (COG: +125) | 30min | | | | | | | | | | | | | | | | | | | | | |
| 4 | : +20 | 2 3min | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 15%;">C/C</td> <td>: ±7.5% ±0.75pF,</td> </tr> <tr> <td>Q</td> <td>2</td> </tr> <tr> <td>IR</td> <td>Ri 1000M</td> </tr> <tr> <td></td> <td></td> </tr> </table> | C/C | : ±7.5% ±0.75pF, | Q | 2 | IR | Ri 1000M | | | <p style="text-align: center;"> 40±2 90~95%RH 500 24 2 </p> | | | | | | | | | | | | | |
| C/C | : ±7.5% ±0.75pF, | | | | | | | | | | | | | | | | | | | | | | |
| Q | 2 | | | | | | | | | | | | | | | | | | | | | | |
| IR | Ri 1000M | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| <p style="text-align: center;">Life Test</p> | <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 20%;"></td> <td>COG</td> </tr> <tr> <td>Q</td> <td></td> </tr> <tr> <td>IR</td> <td>•</td> </tr> <tr> <td></td> <td></td> </tr> </table> | | COG | Q | | IR | • | | | <p style="text-align: center;"> 125 24 2 </p> | | | | | | | | | | | | | |
| | COG | | | | | | | | | | | | | | | | | | | | | | |
| Q | | | | | | | | | | | | | | | | | | | | | | | |
| IR | • | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |



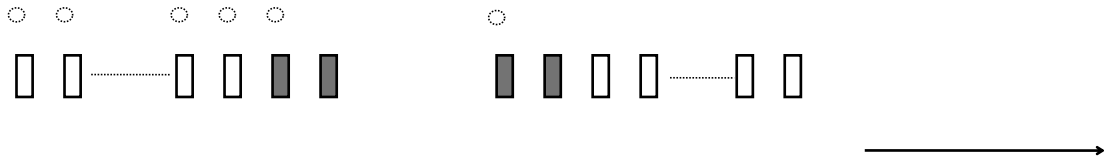
* 0201 0402

| Code | W1 | L1 | D | C | B | P1 | P2 | P0 | d | t |
|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|---------------|
| 0201 | 0.37± 0.10 | 0.67±0. 10 | 8.00± 0.10 | 3.50± 0.05 | 1.75± 0.10 | 2.00± 0.05 | 2.00± 0.05 | 4.00±0 .10 | 1.50 -0/+0.10 | 0.80 Below |
| 0402 | 0.65± 0.10 | 1.15± 0.10 | 8.00± 0.10 | 3.50± 0.05 | 1.75± 0.10 | 2.00± 0.05 | 2.00± 0.05 | 4.00±0 .10 | 1.50 -0/+0.10 | 0.80 Below |



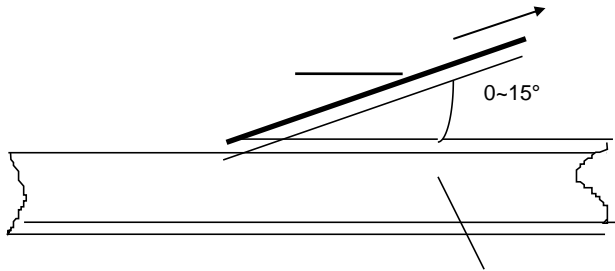
Unit mm

| | A | B | C | D* | E | F | G* | H | J | T |
|------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|-------------|
| 0603 | 1.10 ±0.10 | 1.90 ±0.10 | 8.00 ±0.10 | 3.50 ±0.05 | 1.75 ±0.10 | 4.00 ±0.10 | 2.00 ±0.10 | 4.00 ±0.10 | 1.50 -0/+0.10 | 1.10 Max |
| 0805 | 1.45 ±0.15 | 2.30 ±0.15 | 8.0 ±0.15 | 3.50 ±0.05 | 1.75 ±0.10 | 4.00 ±0.10 | 2.00 ±0.10 | 4.00 ±0.10 | 1.50 -0/+0.10 | 1.10 Max |

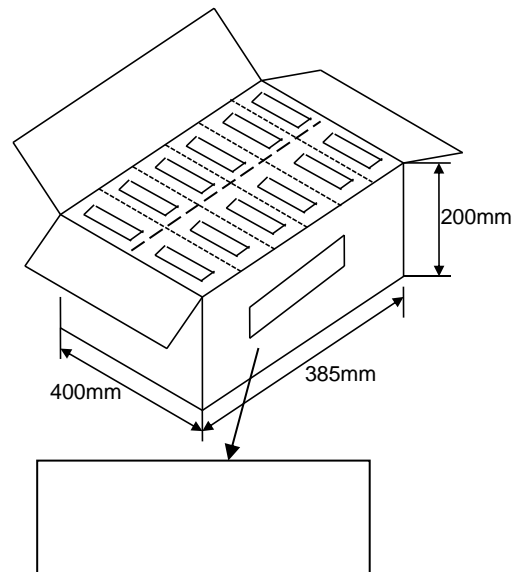
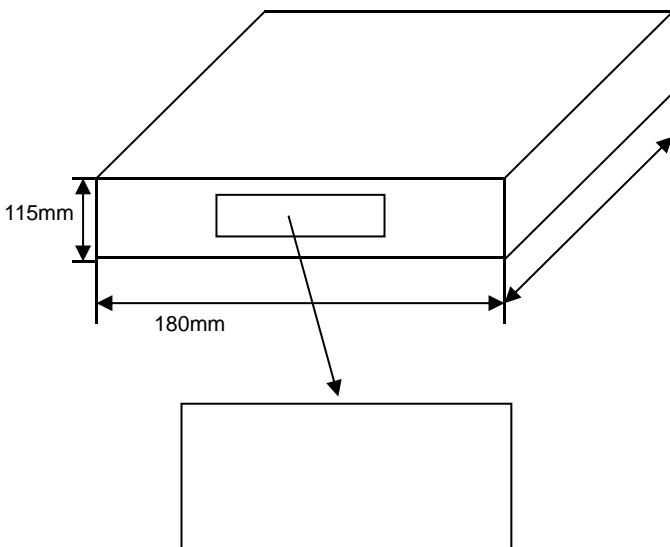


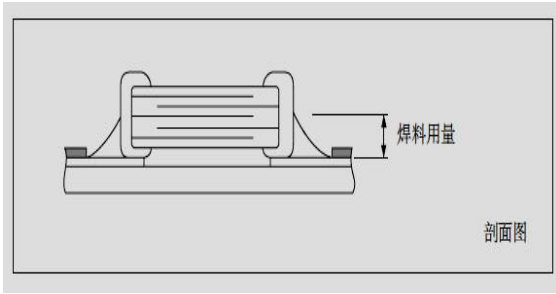
(unit: mm)

| | | | | | | | |
|--------|---------|-----|--------|--------|----|----------|-------|
| | A | B | C | D | E | F | G |
| 7 REEL | 178±2.0 | 3.0 | 13±0.5 | 21±0.8 | 50 | 10.0±1.5 | 12max |



| | | | | | |
|------|-----------|-------|-------|-------|------|
| | unit: pcs | | | | |
| | | | | | |
| 0201 | ----- | 15000 | ----- | 20000 | 5000 |
| 0402 | ----- | 10000 | ----- | 20000 | 5000 |
| 0603 | ----- | 4000 | ----- | 15000 | 5000 |
| 0805 | ----- | 4000 | 3000 | 10000 | 5000 |

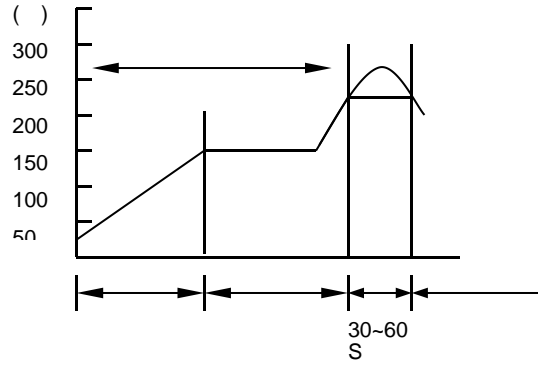


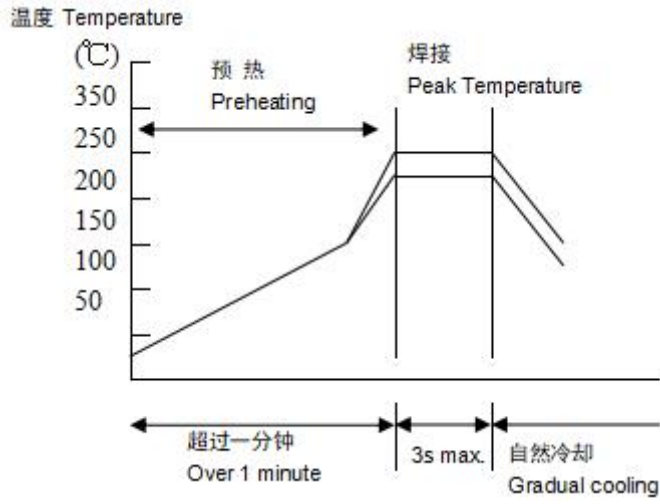


| | | | | |
|------|-----|---|---|-----|
| | | | | |
| 0201 | C0G | / | / | R |
| 0402 | C0G | / | / | R |
| 0603 | C0G | / | / | R/W |
| 0805 | C0G | / | / | R/W |

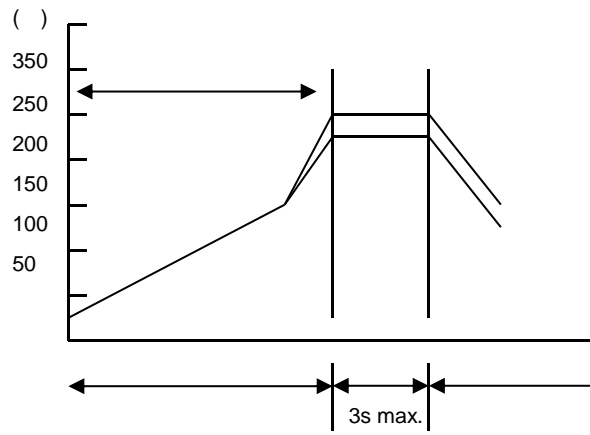
R—
W—

| | | |
|--|---------|---------|
| | | |
| | 230 250 | 240 260 |





| | | |
|--|---------|---------|
| | | |
| | 230 260 | 240 270 |



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|-----|--|-----|-----|----|-----|--|
| | | | | | | |
| 130 | | 20W | 1mm | 3s | 1/2 | |