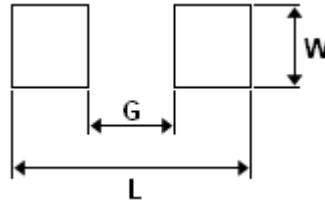


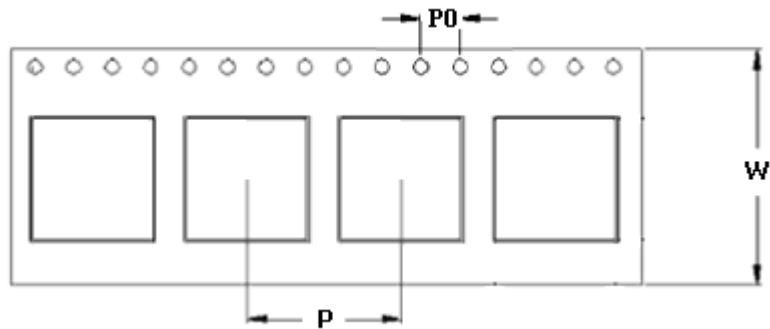
# SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



| ITEM    | G (Ref) | L (Ref) | W (Ref) |
|---------|---------|---------|---------|
| SS05040 | 2.0     | 6.4     | 2.0     |
| SS06030 | 2.4     | 7.8     | 2.2     |
| SS06040 | 2.4     | 7.8     | 2.2     |
| SS06050 | 2.4     | 7.8     | 2.2     |
| SS10030 | 3.8     | 10.8    | 4.0     |
| SS10040 | 3.8     | 10.8    | 4.0     |
| SS10050 | 3.8     | 10.8    | 4.0     |
| SS12035 | 6.0     | 15.0    | 5.0     |
| SS12050 | 6.0     | 15.0    | 5.0     |
| SS12065 | 6.0     | 15.0    | 5.0     |
| SS18095 | 7.3     | 19.3    | 6.0     |
| SS22012 | 9.0     | 23.0    | 6.0     |

PACKAGING QUANTITY: (UNIT: mm)



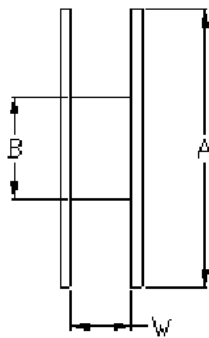
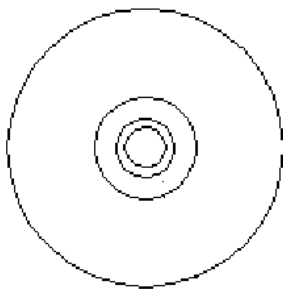
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# SPECIFICATION FOR APPROVAL

| TYPE    | P(REF) | P0(REF) | W(REF) | BULK | PCS / REEL |
|---------|--------|---------|--------|------|------------|
| SS05040 | 8.0    | 4.0     | 12.0   | v    | 1000       |
| SS06030 | 12.0   | 4.0     | 16.0   | v    | 1000       |
| SS06040 | 12.0   | 4.0     | 16.0   | v    | 1000       |
| SS06050 | 12.0   | 4.0     | 16.0   | v    | 1000       |
| SS10030 | 16.0   | 4.0     | 24.0   | v    | 800        |
| SS10040 | 16.0   | 4.0     | 24.0   | v    | 800        |
| SS10050 | 16.0   | 4.0     | 24.0   | v    | 800        |
| SS12035 | 20.0   | 4.0     | 24.0   | v    | 500        |
| SS12050 | 20.0   | 4.0     | 24.0   | v    | 500        |
| SS12065 | 20.0   | 4.0     | 24.0   | v    | 500        |
| SS18095 | 24.0   | 4.0     | 32.0   | v    | 250        |
| SS22012 | 28.0   | 4.0     | 36.0   | v    | 120        |

PACKAGING QUANTITY: (UNIT: mm)



| TYPE    | A(REF) | B(REF) | W(REF) |
|---------|--------|--------|--------|
| SS05040 | 330    | 100    | 12.8   |
| SS06030 | 330    | 100    | 16.8   |
| SS06040 | 330    | 100    | 16.8   |
| SS06050 | 330    | 100    | 16.8   |
| SS10030 | 330    | 100    | 24.8   |
| SS10040 | 330    | 100    | 24.8   |
| SS10050 | 330    | 100    | 24.8   |
| SS12035 | 330    | 100    | 24.8   |
| SS12050 | 330    | 100    | 24.8   |
| SS12065 | 330    | 100    | 24.8   |
| SS18095 | 330    | 100    | 32.8   |
| SS22012 | 330    | 100    | 36.8   |

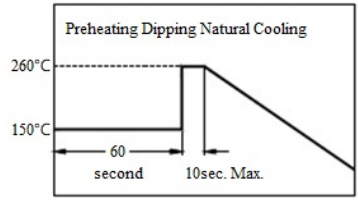


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# SPECIFICATION FOR APPROVAL

## RELIABILITY AND TEST CONDITIONS:

| Item                             | Performance                                                                       | Test Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
|----------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------|-----------|---|--------|------|---|------------|----|---|--------|------|---|------------|----|
| Operating Temperature            | -40~+125℃                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Rated Current                    | Refer to standard electrical characteristics list.                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Temperature Rise Test            | 40℃ max. ( $\Delta t$ )                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Solder heat Resistance           | Appearance: No significant abnormality.<br>Inductance change: Within $\pm 30\%$ . | Preheat:150℃,60sec.<br>Solder : H63A<br>Solder temperature:260+0-5℃<br>Flux: rosin<br>Dip time:10sec. Max.                                                                                                                                                                                                                                                                                                                      |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Thermal shock                    |                                                                                   | Condition for 1 cycle<br>Step1:-25±2℃<br>30±3 min.<br>Step2:Room temperature 15 min.<br>Step3:+85±5℃<br>30±3 min.<br>Step4:Room temperature 15 min.<br>Number of cycles:50 <table border="1"> <thead> <tr> <th>Phase</th><th>Temperature(℃)</th><th>Time(min)</th></tr> </thead> <tbody> <tr> <td>1</td><td>-25±2℃</td><td>30±3</td></tr> <tr> <td>2</td><td>Room Temp.</td><td>15</td></tr> <tr> <td>3</td><td>+85±2℃</td><td>30±3</td></tr> <tr> <td>4</td><td>Room Temp.</td><td>15</td></tr> </tbody> </table> | Phase | Temperature(℃) | Time(min) | 1 | -25±2℃ | 30±3 | 2 | Room Temp. | 15 | 3 | +85±2℃ | 30±3 | 4 | Room Temp. | 15 |
| Phase                            | Temperature(℃)                                                                    | Time(min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| 1                                | -25±2℃                                                                            | 30±3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| 2                                | Room Temp.                                                                        | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| 3                                | +85±2℃                                                                            | 30±3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| 4                                | Room Temp.                                                                        | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Humidity Resistance Test         | Appearance: no damage<br>Inductance: within±30%of initial value.                  | Measured:50 times<br>Temperature:40±2℃.<br>Applied current: rated current.<br>Duration:500 hrs.<br>Humidity:90~95%                                                                                                                                                                                                                                                                                                                                                                                                 |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| High Temperature Resistance Test |                                                                                   | Temperature:85±2℃.<br>Applied current: rated current.<br>Duration:500 hrs.                                                                                                                                                                                                                                                                                                                                                                                                                                         |       |                |           |   |        |      |   |            |    |   |        |      |   |            |    |



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