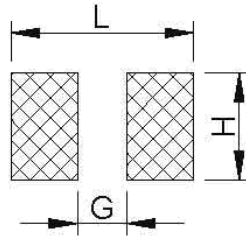


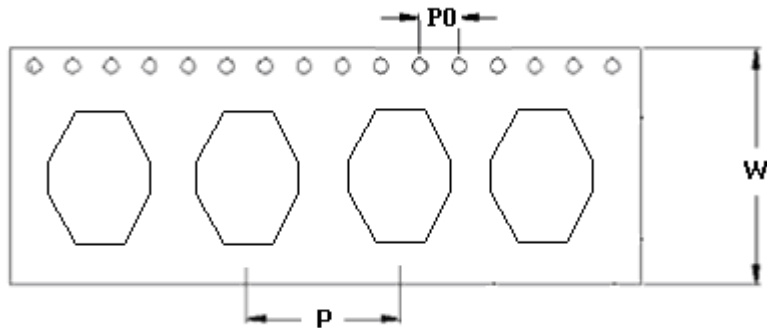
# SPECIFICATION FOR APPROVAL

PAD LAYOUT: (UNIT: mm)



| ITEM   | L (Ref.) | G (Ref.) | H (Ref.) |
|--------|----------|----------|----------|
| DS1608 | 6.86     | 4.06     | 3.56     |
| DS3308 | 13.21    | 7.37     | 2.79     |
| DS3316 | 13.21    | 7.37     | 2.79     |
| DS3340 | 13.21    | 7.37     | 2.79     |
| DS5022 | 18.29    | 12.45    | 2.79     |

PACKAGING QUANTITY: (UNIT: mm)



| TYPE   | P          | P0        | W          | BULK | PCS / REEL |
|--------|------------|-----------|------------|------|------------|
| DS1608 | 8.0 ± 0.3  | 4.0 ± 0.1 | 16.0 ± 0.3 | v    | 2000       |
| DS3308 | 16.0 ± 0.1 | 4.0 ± 0.1 | 24.0 ± 0.3 | v    | 1000       |
| DS3316 | 16.0 ± 0.1 | 4.0 ± 0.1 | 24.0 ± 0.3 | v    | 500        |
| DS3340 | 16.0 ± 0.1 | 4.0 ± 0.1 | 24.0 ± 0.3 | v    | 250        |
| DS5022 | 20.0 ± 0.1 | 4.0 ± 0.1 | 32.0 ± 0.3 | v    | 500        |

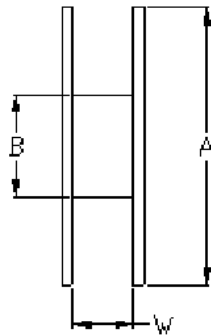
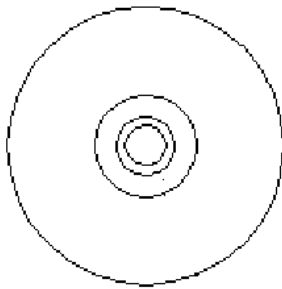


CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

# SPECIFICATION FOR APPROVAL

PACKAGING QUANTITY: (UNIT: mm)



| TYPE   | A   | B   | W    |
|--------|-----|-----|------|
| DS1608 | 330 | 100 | 16.4 |
| DS3308 | 330 | 100 | 24.5 |
| DS3316 | 330 | 100 | 24.5 |
| DS3340 | 330 | 100 | 24.5 |
| DS5022 | 330 | 100 | 32.5 |

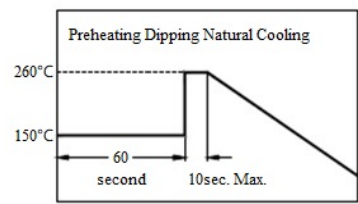


**CORE MASTER ENTERPRISE CO., LTD.**

<http://www.coremaster.com.tw>

# 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. (Δt)                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |           |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Solder heat Resistance           | Appearance: No significant abnormality.<br>Inductance change: Within ± 30%.                                            | Preheat: 150℃, 60sec.<br>Solder : H63A<br>Solder temperature: 260+0-5℃<br>Flux: rosin<br>Dip time: 10sec. Max.<br>                                                                                                                                                                                                                                                      |           |                |           |   |        |      |   |            |    |   |        |      |   |            |    |
| Thermal shock                    | Appearance: no damage<br>Inductance: within±30%of initial value.                                                       | 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><tr><th>Phase</th><th>Temperature(℃)</th><th>Time(min)</th></tr><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></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         | Measured:50 times<br><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.                                                                                                                                                                                                                                                                                                                                                                                 |           |                |           |   |        |      |   |            |    |   |        |      |   |            |    |