

# DLW Chip Common Mode Choke Coil Part Numbering

(Part Number)

|    |   |    |   |   |     |   |   |   |   |
|----|---|----|---|---|-----|---|---|---|---|
| DL | W | 21 | S | N | 371 | S | Q | 2 | L |
| ①  | ② | ③  | ④ | ⑤ | ⑥   | ⑦ | ⑧ | ⑨ | ⑩ |

## ① Product ID

| Product ID |                              |
|------------|------------------------------|
| DL         | Chip Common Mode Choke Coils |

## ② Structure

| Code | Structure       |
|------|-----------------|
| W    | Wire Wound Type |

## ③ Dimensions (L×W)

| Code | Dimensions (L×W) | EIA  |
|------|------------------|------|
| 21   | 2.0×1.2mm        | 0805 |
| 31   | 3.2×1.6mm        | 1206 |
| 43   | 4.5×3.2mm        | 1812 |
| 44   | 4.0×4.0mm        | 1515 |
| 5A   | 5.0×3.6mm        | 2014 |
| 5B   | 5.0×5.0mm        | 2020 |

## ④ Features (1)

| Code | Type                                   |
|------|--|
| S    | Magnetically Shielded One Circuit Type |
| H    | Open Magnetic One Circuit Type         |
| T    | One Circuit Low Profile Type           |

## ⑤ Category

| Code | Category       |                    |
|------|----------------|--------------------|
| M    | For General    |                    |
| N    |                |                    |
| R    |                |                    |
| H    | For Automotive | Powertrain, Safety |

## ⑩ Packaging

| Code | Packaging                     | Series                                    |
|------|-------------------------------|---|
| K    | Embossed Taping (ø330mm Reel) | DLW43S/DLW44S/DLW5AH/DLW5AT/DLW5BS/DLW5BT |
| L    | Embossed Taping (ø180mm Reel) | All Series                                |
| B    | Bulk                          | All Series                                |

## ⑥ Impedance

Typical impedance at 100MHz is expressed by three figures. The unit is in ohm ( $\Omega$ ). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

## ⑥ Inductance (DLW43SH)

Expressed by three figures. The unit is micro-henry ( $\mu\text{H}$ ). The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

## ⑦ Circuit

| Code | Circuit                |
|------|------------------------|
| S    | Expressed by a letter. |
| M    |                        |
| H    |                        |
| T    |                        |
| X    |                        |

## ⑧ Features (2)

| Code | Features               |
|------|------------------------|
| K    | Expressed by a letter. |
| P    |                        |
| Q    |                        |

## ⑨ Number of Signal Lines

| Code | Number of Signal Lines |
|------|------------------------|
| 2    | Two Lines              |

# DLM/DLP

## Chip Common Mode Choke Coil

## Part Numbering

(Part Number) **DL P 0N S N 900 H L 2 L**  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

### ① Product ID

| Product ID |                              |
|------------|------------------------------|
| DL         | Chip Common Mode Choke Coils |

### ② Structure

| Code | Structure       |
|------|-----------------|
| M    | Multilayer Type |
| P    | Film Type       |

### ③ Dimensions (L×W)

| Code | Dimensions (L×W) | EIA    |
|------|------------------|--------|
| 0Q   | 0.65×0.5mm       | 025020 |
| 0N   | 0.85×0.65mm      | 03025  |
| 11   | 1.25×1.0mm       | 0504   |
| 1N   | 1.5×0.65mm       | 05025  |
| 2A   | 2.0×1.0mm        | 0804   |
| 31   | 3.2×1.6mm        | 1206   |

### ④ Features (1)

| Code | Type                                   |
|------|--|
| S    | Magnetically Shielded One Circuit Type |
| D    | Magnetically Shielded Two Circuit Type |
| H    | Open Magnetic One Circuit Type         |
| G    | Magnetically Shielded Audio Type       |
| R/T  | One Circuit Low Profile Type           |

### ⑤ Category

| Code | Category    |
|------|-------------|
| A    | For General |
| B    |             |
| C    |             |
| N    |             |

### ⑥ Impedance

Typical impedance at 100MHz is expressed by three figures. The unit is in ohm ( $\Omega$ ). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures.

### ⑦ Circuit

| Code | Circuit                |
|------|------------------------|
| S    | Expressed by a letter. |
| M    |                        |
| H    |                        |
| U    |                        |

### ⑧ Features (2)

| Code | Features               |
|------|------------------------|
| D    | Expressed by a letter. |
| L    |                        |
| Y    |                        |

### ⑨ Number of Signal Lines

| Code | Number of Signal Lines |
|------|------------------------|
| 2    | Two Lines              |
| 4    | Four Lines             |

### ⑩ Packaging

| Code | Packaging                            | Series                                |
|------|--------------------------------------|---------------------------------------|
| L    | Embossed Taping ( $\phi$ 180mm Reel) | All Series (Except for DLP0QS/DLM11G) |
| D    | Paper Taping ( $\phi$ 180mm Reel)    | DLP0QS/DLM11G                         |
| B    | Bulk                                 | All Series                            |