

● Part Numbering

Chip Common Mode Choke Coils for Automotive

(Part Number)

|           |          |           |          |          |            |          |          |          |          |
|-----------|----------|-----------|----------|----------|------------|----------|----------|----------|----------|
| <b>DL</b> | <b>W</b> | <b>31</b> | <b>S</b> | <b>H</b> | <b>222</b> | <b>S</b> | <b>Q</b> | <b>2</b> | <b>L</b> |
| ①         | ②        | ③         | ④        | ⑤        | ⑥          | ⑦        | ⑧        | ⑨        | ⑩        |

① Product ID

| Product ID |                              |
|------------|------------------------------|
| <b>DL</b>  | Chip Common Mode Choke Coils |

② Structure

| Code     | Structure    |
|----------|--------------|
| <b>W</b> | Winding Type |

③ Dimensions (L×W)

| Code      | Dimensions (L×W) | EIA  |
|-----------|------------------|------|
| <b>31</b> | 3.2×1.6mm        | 1206 |
| <b>43</b> | 4.5×3.2mm        | 1812 |

④ Type

| Code     | Type                                   |
|----------|--|
| <b>S</b> | Magnetically Shielded One Circuit Type |

⑤ Category

| Code     | Category       |
|----------|----------------|
| <b>H</b> | For Automotive |

⑥ Impedance (DLW31S)

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 which follow the two figures.

⑥ Inductance (DLW43S)

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                |
|----------|------------------------|
| <b>S</b> | Expressed by a letter. |
| <b>X</b> |                        |

⑧ Features

| Code     | Features               |
|----------|------------------------|
| <b>Q</b> | Expressed by a letter. |
| <b>K</b> |                        |
| <b>P</b> |                        |

⑨ Number of Signal Lines

| Code     | Number of Signal Lines |
|----------|------------------------|
| <b>2</b> | Two Lines              |

⑩ Packaging

| Code     | Packaging                            | Series        |
|----------|--------------------------------------|---------------|
| <b>K</b> | Embossed Taping ( $\phi$ 330mm Reel) | <b>DLW43S</b> |
| <b>L</b> | Embossed Taping ( $\phi$ 180mm Reel) | All Series    |
| <b>B</b> | Bulk                                 |               |