

# DLW Chip Common Mode Choke Coil for Automotive Part Numbering

(Part Number)

DL	W	43	S	H	101	X	K	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 (LxW)

Code	Dimensions (LxW)	EIA
21	2.0x1.2mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
43	4.5x3.2mm	1812
5A	5.0x3.6mm	2014
5B	5.0x5.0mm	2020

## ④ Features (1)

Code	Type
S	Magnetically Shielded One Circuit Type
T	One Circuit Low Profile Type
M	Magnetically Shielded One Circuit Type (Transfer mode conversion characteristics improved)

## ⑤ Category

Code	Category	
Z	For Automotive	Infotainment
H		Powertrain, Safety

## ⑩ Packaging

Code	Packaging	Series
K	Embossed Taping (ø330mm Reel)	DLW43/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 for Automotive Part Numbering



## ① Product ID

Product ID	
DL	Chip Common Mode Choke Coils

## ② Structure

Code	Structure
M	Multilayer Type

## ③ Dimensions (LxW)

Code	Dimensions (LxW)	EIA
OQ	0.65x0.5mm	025020
ON	0.85x0.65mm	03025
11	1.25x1.0mm	0504

## ④ Features (1)

Code	Type
S	Magnetically Shielded One Circuit Type

## ⑤ Category

Code	Category
N	For General

## 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
H	Expressed by a letter.

## ⑧ Features (2)

Code	Features	
Z	For Automotive	Infotainment
H		Powertrain, Safety

## ⑨ Number of Signal Lines

Code	Number of Signal Lines
2	Two Lines

## ⑩ Packaging

Code	Packaging
L	Embossed Taping ( $\varnothing$ 180mm Reel)
B	Bulk

# PL Common Mode Choke Coil for Automotive Part Numbering

(Part Number) 

PL	T	10H	H	102	6R0	P	N	B
①	②	③	④	⑤	⑥	⑦	⑧	⑨

## ① Product ID

Product ID	
PL	Common Mode Choke Coils

## ② Type

Code	Type
T	DC Type

## ③ Applications

Code	Applications
10H	For DC Line High-frequency Type
5BP	5.0X5.0mm Size, for DC Lines

## ④ Features (1)

Code	Features	
H	For Automotive	Powertrain, Safety

## ⑨ Packaging

Code	Packaging	Series
B	Bulk	PLT10H, PLT5BP
L	Embossed Taping (ø178mm/ø180mm Reel)	PLT10H, PLT5BP
K	Embossed Taping (ø330mm Reel)	PLT10H, PLT5BP

## ⑤ Impedance

Expressed by three figures. The unit is 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 Rated Current

Expressed by three figures. The unit is ampere (A). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two figures. A decimal point is expressed by the capital letter "R." In this case, all figures are significant digits.

## ⑦ Features (2)

Code	Features
P	Expressed by a letter.
S	

## ⑧ Lead Dimensions

Code	Lead Dimensions
N	No Lead Terminal (SMD)