



**THE DATASHEET OF
DLW43SH101XP2L**



● Part Numbering

Chip Common Mode Choke Coil for Automotive

(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)	Size Code (inch)
21	2.0x1.2mm	0805
31	3.2x1.6mm	1206
32	3.2x2.5mm	1210
43	4.5x3.2mm	1812
44	4.0x4.0mm	1515
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)
U	Non-magnetic One Circuit Type
P	For Power Lines (500mA min)

⑤ Category

Code	Category	
Z	For Automotive	Infotainment
H		Powertrain, Safety

⑥ Impedance

Typical impedance at 100MHz is expressed by three figures. The unit is in ohm (Ω). 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 (μH). 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	
Y	

⑧ Features (2)

Code	Features
K	Expressed by a letter.
P	
T	
F	
Q	
A	

⑨ Number of Signal Lines

Code	Number of Signal Lines
2	Two Lines

⑩ Packaging

Code	Packaging
K	Embossed Taping (\varnothing 330mm Reel)
L	Embossed Taping (\varnothing 180mm Reel)
B	Bulk

Chip Common Mode Choke Coil for Automotive

(Part Number)

DL	M	11	S	N	900	H	Z	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

③ Dimensions (LxW)

Code	Dimensions (LxW)	Size Code (inch)
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 (Ω). 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	Infotainment
H	Powertrain, Safety

⑨ Number of Signal Lines



Code	Number of Signal Lines
2	Two Lines

⑩ Packaging

Code	Packaging
L	Embossed Taping (ϕ 180mm Reel)
B	Bulk

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