

◆ **Features**

- 1.Lowest height in this package footprint.
- 2.Shielded Molding construction.
- 3.Handles high transient current spikes without saturation.
- 4.Lowest DCR/μH, in this package size.
- 5.Ultra low buzz noise, due to composite construction.
- 6.Lead Free and RoHS compliant.



◆ **Application**

- 1.DC/DC converters in distributed power systems.
- 2.DC/DC converter for Field Programmable Gate Array (FPGA).
- 3.Notebook/Desktop/Server/CPU applications.

◆ **How to Order**

<u>DMP</u>	<u>1109</u>	<u>HJA</u>	<u>1R2</u>	<u>M</u>	<u>V01</u>
(1)	(2)	(3)	(4)	(5)	(6)

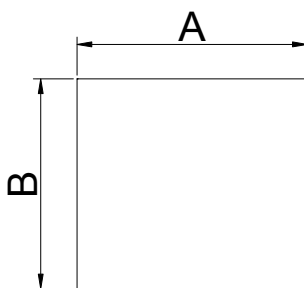
- (1) Series
- (2) Dimension
- (3) Type: Material Code
- (4) Inductance: 1R2=1.20 uH
- (5) Inductance Tolerance: M=±20%
- (6) Control S/N

◆ **Dimensions**

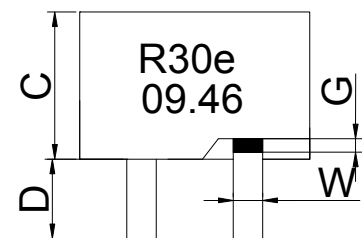
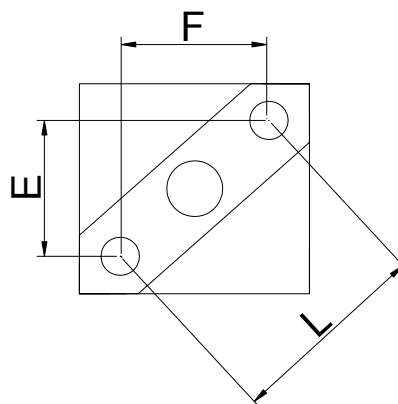
Unit: mm

DMP1109HJA Series	A	B	C	D	E	F	W	L	G
R30、R47、R68	11.5 Max.	11.5 Max.	10.0 Max.	3.4±0.5	6.6±0.5	6.6±0.5	1.5±0.1	9.3±0.5	0.5±0.2
1R2						6.6±0.5	1.3±0.1		

TOP View



under view



side view

◆ Specification

Part Number	Inductance L0(μ H) $\pm 20\%$ @ 0 A	I rms (A) Max.	I sat (A) Max.	DCR (m Ω) $\pm 8\%$	Q (Min)
DMP1109HJA-R30-M-V01	0.3	36	60	0.4	20
DMP1109HJA-R47-M-V01	0.47	36	50	0.6	40
DMP1109HJA-R68-M-V01	0.68	35	55	0.8	40
DMP1109HJA-1R2-M-V01	1.2	30	35	1.25	40

◆ Package

Size(mm)	0808	1010	1110	1210
Series	DMP0808HBAA	DMP1009HHAA	DMP1109HJAA	DMP1209HLAA
	DMP0808HBA	DMP1009HHA	DMP1109HJA	DMP1209HLA
Package(PCS)				
Size(mm)	0808	1010	1110	1210
Chip / Reel	162	120	108	102
Inner Box	1134	840	756	612
Carton	2268	1680	1512	1224