



◆ Feature

- 1.Lowest height in this package footprint.
- 2.Shielded Molding construction.
- 3.Handles high transient current spikes without saturation.
- 4.Lowest DCR/ $\mu$ H, 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

DMP    1209    HLAA    1R0    M    V01  
 (1)        (2)        (3)        (4)        (5)        (6)

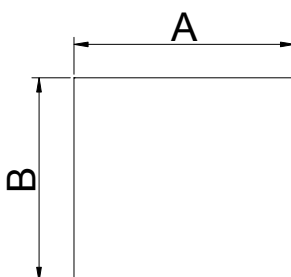
- (1) Series
- (2) Dimension
- (3) Type: Material Code
- (4) Inductance: 1R0=1.0  $\mu$ H
- (5) Inductance Tolerance: M= $\pm$ 20%
- (6) Control S/N

◆ Dimension

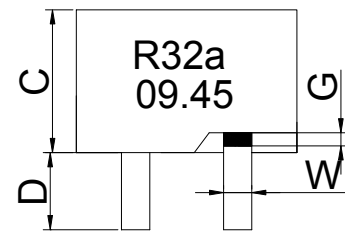
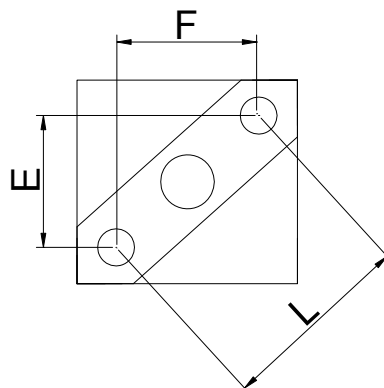
Unit: mm

DMP1209HLAA Series	A	B	C	D	E	F	W	L	G
R32, R50, R68	12.5 Max.	12.5 Max.	10.5 Max.	3.4 $\pm$ 0.5	6.0 $\pm$ 0.5	7.3 $\pm$ 0.5	1.6 $\pm$ 0.1	9.5 $\pm$ 0.5	0.5 $\pm$ 0.2
1R0							1.5 $\pm$ 0.1		
1R2							1.4 $\pm$ 0.1		

TOP View



under view



side view

### ◆ Specification

Part Number	Inductance L0( $\mu$ H) $\pm 20\%$ @ 0 A	I rms (A) Max.	I sat (A) Max.	DCR (m $\Omega$ ) $\pm 8\%$	Q (Min)
DMP1209HLAA-R32-M-V01	0.32	48	60	0.32	20
DMP1209HLAA-R50-M-V01	0.5	45	55	0.32	40
DMP1209HLAA-R68-M-V01	0.68	42	45	0.5	40
DMP1209HLAA-1R0-M-V01	1.0	38	42	0.8	40
DMP1209HLAA-1R2-M-V01	1.2	32	38	0.9	40

### ◆ Package

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