

◆ Feature

- 1.Lowest height in this package footprint.
- 2.Shielded Molding construction.
- 3.Handles high transient current spikes without saturation.
- 4.Lowest DCR/ μ 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 **1109** **HJAA** **1R0** **M** **V01**
 (1) (2) (3) (4) (5) (6)

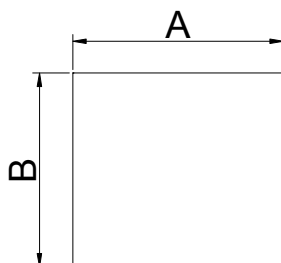
- (1) Series
- (2) Dimension
- (3) Type: Material Code
- (4) Inductance: 1R0=1.0 μ H
- (5) Inductance Tolerance: M= \pm 20%
- (6) Control S/N

◆ Dimension

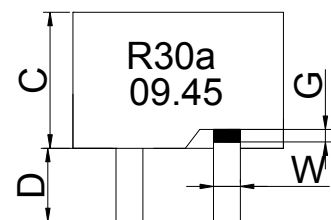
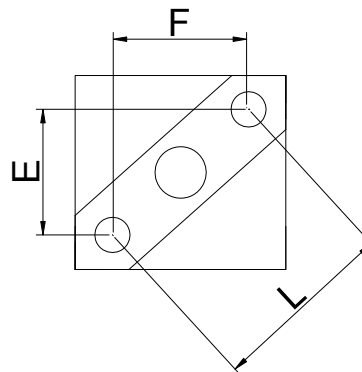
Unit: mm

DMP1109HJAA Series	A	B	C	D	E	F	W	L	G
R30、R45、 R68、1R0	11.5Max.	11.5Max.	10.0Max.	3.4 \pm 0.5	6.6 \pm 0.5	6.6 \pm 0.5	1.5 \pm 0.1	9.3 \pm 0.5	0.5 \pm 0.2
1R5							1.3 \pm 0.1		

TOP View



under view



side view

◆ Specification

Part Number	Inductance L0(uH) ±20%@ 0 A	I rms (A) Max.	I sat (A) Max.	DCR (mΩ) ±8%	Q (Min)
DMP1109HJAA-R30-M-V01	0.3	40	55	0.35	20
DMP1109HJAA-R45-M-V01	0.45	35	50	0.36	40
DMP1109HJAA-R68-M-V01	0.68	34	44	0.56	40
DMP1109HJAA-1R0-M-V01	1.0	32	40	0.76	40
DMP1109HJAA-1R5-M-V01	1.5	28	35	1.3	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