



BL2611 Series

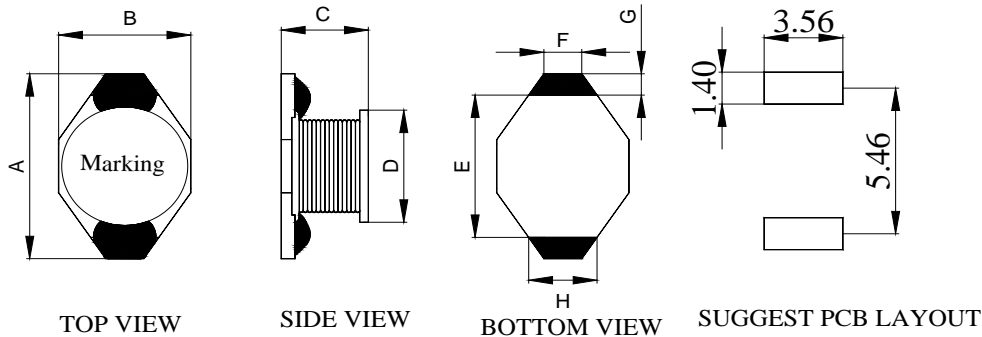


1. Features:

- Ferrite based SMD Inductor with lower core loss.
- Inductance Range:1.0uH to 1000.0uH;Custom values are welcomed.
- High current output chokes, up to 2.90 Amps with 10% roll off.
- Low profile 2.92mm Max.height
- Foot print 6.60 x 4.45mm Max.
- Operating Temperature Range -55°C to + 130°C;RoHs&HF compliance.
- T & R Qtys: 2500 pcs , 13" Reel ;



2. Mechanical Dimension(Unit:mm):



Type	BL2611
A	6.60 (max.)
B	4.45 (max.)
C	2.92 (max.)
D	4.00 ± 0.30
E	4.32 (ref.)
F	1.27 (ref.)
G	1.02 (ref.)
H	2.29 (ref.)

3. Electrical Characteristic of BL2611 Series:

Part Number	OCL (uH)	DCR (Ω) Max.	I _{rms} (A) @25°C	I _{sat} (A) @25°C
BL2611-1R0MHF	1.0 ± 20%	0.05	2.70	2.90
BL2611-1R5MHF	1.5 ± 20%	0.06	2.65	2.60
BL2611-2R2MHF	2.2 ± 20%	0.07	2.55	2.30
BL2611-2R7MHF	2.7 ± 20%	0.08	2.45	2.10
BL2611-3R3MHF	3.3 ± 20%	0.08	2.20	2.00
BL2611-4R7MHF	4.7 ± 20%	0.09	1.90	1.50
BL2611-6R8MHF	6.8 ± 20%	0.13	1.60	1.20
BL2611-8R2MHF	8.2 ± 20%	0.16	1.55	1.15
BL2611-100MHF	10.0 ± 20%	0.16	1.50	1.10
BL2611-150MHF	15.0 ± 20%	0.23	1.25	0.90
BL2611-220MHF	22.0 ± 20%	0.37	0.95	0.70
BL2611-330MHF	33.0 ± 20%	0.51	0.80	0.58
BL2611-470MHF	47.0 ± 20%	0.64	0.70	0.50
BL2611-680MHF	68.0 ± 20%	0.86	0.60	0.40
BL2611-101MHF	100.0 ± 20%	1.27	0.50	0.31
BL2611-151MHF	150.0 ± 20%	2.00	0.39	0.27
BL2611-221MHF	220.0 ± 20%	3.11	0.31	0.22
BL2611-331MHF	330.0 ± 20%	3.80	0.30	0.18
BL2611-471MHF	470.0 ± 20%	5.06	0.26	0.16
BL2611-681MHF	680.0 ± 20%	9.20	0.19	0.14
BL2611-102MHF	1000.0 ± 20%	13.80	0.15	0.10

Note:

- 1.OCL (Open Circuit Inductance) and L @ I_{rms} and L @ I_{sat} and DCR are measured at: 100KHz,0.1V @ 25°C.
- 2.I_{sat}: DC current that causes inductance to drop by approximately 10% from OCL ;(T_a=25°C)
- 3.I_{rms}: DC current that causes an approximate temperature rise (ΔT) of 40°C;(T_a=25°C)