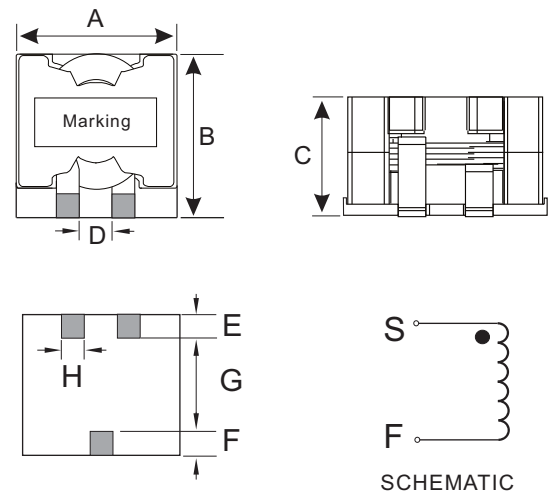


SMT High Current Power Inductors



Dimensions and Footprint (Unit:mm)

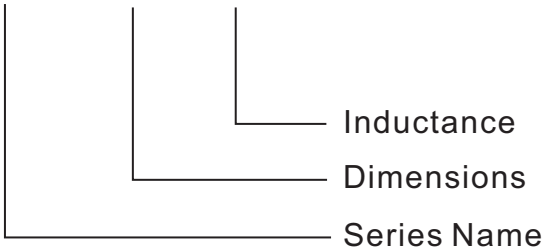
Type	A(Max)	B(Max)	C(Max)	D	E(Ref.)	F(Ref.)	G(Ref.)	H
DPQ1360	13.5	13.5	6	4.5±0.2	2	1.8	8.8	2.5±0.2
DPQ1390	13.5	13.5	9	4.5±0.2	2	2.3	8.8	2.5±0.2
DPQ2615	27.9	27.9	15.8	5.4±0.5	5	4.5	18.4	4.7±0.3
DPQ2618	27.9	27.9	18	5.4±0.5	5	4.5	18.4	4.7±0.3

Description

- Compact size using flat wire and SMD type.
- Low radiation noise by magnetically shielded construction.
- High current, low resistance.
- ROHS compliant.
- Applications: High efficiency DC/DC converters. Single and polyphase buck converters. Filter for audio applications. Optimized for high current boost applications.

Part Number Code

DPQ1360-1R0M



Electrical Specifications-DPQ1360

Part Number	Inductance (uH)	DCR (mΩ) (Max.)	IDC(A) (Max)	Isat(A) (Max)	Test Frequency (KHz)
DPQ1360-1R0M	1.0±20%	2.6	33.5	13.0	100
DPQ1360-2R2M	2.2±20%	2.6	18.0	13.0	100
DPQ1360-2R7M	2.7±20%	2.6	14.0	13.0	100
DPQ1360-3R3M	3.3±20%	6.0	13.5	9.4	100
DPQ1360-4R7M	4.7±20%	6.0	12.0	9.4	100
DPQ1360-6R8M	6.8±20%	6.0	9.5	9.4	100
DPQ1360-8R2M	8.2±20%	10.8	9.0	7.6	100
DPQ1360-100K	10±10%	10.8	7.5	7.6	100

Electrical Specifications-DPQ1390

Part Number	Inductance (uH)	DCR (mΩ) (Max.)	IDC(A) (Max)	Isat(A) (Max)	Test Frequency (KHz)
DPQ1390-100K	10±10%	15	13.2	9.2	100
DPQ1390-150K	15±10%	15	8.7	9.2	100
DPQ1390-220K	22±10%	23	6.8	7.7	100
DPQ1390-330K	33±10%	23	4.4	7.7	100
DPQ1390-470K	47±10%	23	3.0	7.7	100

Electrical Specifications-DPQ2615

Part Number	Inductance (uH)	DCR (mΩ) (Max.)	IDC(A) (Max)	Isat(A) (Max)	Test Frequency (KHz)
DPQ2615-2R2M	2.2±20%	2.05	100	30	100
DPQ2615-3R3M	3.3±20%	2.05	68.4	30	100
DPQ2615-4R7M	4.7±20%	2.05	50.1	30	100
DPQ2615-6R8M	6.8±20%	2.05	36.2	30	100
DPQ2615-100K	10±10%	2.05	23.4	30	100
DPQ2615-150K	15±10%	2.05	15.2	30	100
DPQ2615-220K	22±10%	2.05	9.6	30	100
DPQ2615-330K	33±10%	2.05	5.9	30	100

Electrical Specifications-DPQ2618

Part Number	Inductance (uH)	DCR (mΩ) (Max.)	IDC(A) (Max)	Isat(A) (Max)	Test Frequency (KHz)
DPQ2618-3R3M	3.3±20%	2.86	93.6	28	100
DPQ2618-4R7M	4.7±20%	2.86	62.4	28	100
DPQ2618-6R8M	6.8±20%	2.86	45.9	28	100
DPQ2618-100K	10±10%	2.86	32.1	28	100
DPQ2618-150K	15±10%	2.86	21.9	28	100
DPQ2618-220K	22±10%	2.86	15.0	28	100
DPQ2618-330K	33±10%	2.86	9.6	28	100