SMD Power Inductors(Wire-Wound type)

Features

- Shielded construction
- Alloy metal material used (MWC type), Low DCR, Low Buzz Noise

Applications

- DC-DC converter
- Set top box and Notebook and Server, etc

Part No.	Image	Size (mm)	Thickness (mm) max.	Inductance (μH)	Inductance Range 0.1 1.0 2.2 4.7 10 22 47 100 1000	DCR(Ω) max.	Isat(A)	Irms(A)
WFC 30□□		3.0 x 3.0	1.0~1.5	1.0~47.0		0.078~2.46	0.22~2.1	0.235~2.1
WFC 40□□		4.2 x 4.2	1.0~1.2	1.5~22.0		0.104~1.36	0.36~1.6	0.36~1.5
WFC 40□□		4.2 x 4.2	1.8~3.0	1.0~120		0.028~1.885	0.41~6.25	0.42~3.15
WFC 50□□		5.0 x 5.0	2.0~4.0	0.47~47.0		0.013~1.1	0.65~9.0	0.65~5.0
WFC 60□□		6.0 x 6.0	1.0~4.5	1.8~1000		0.015~7.8	0.4~12.2	0.22~6.5
WFC 80□□		8.0 x 8.0	2.0~4.0	1.0~100		0.027~0.442	1.4~10.8	1.1~7.8

Part No.	Image	Size (mm)	Thickness (mm) max.	Inductance (μH)	Inductance Range 0.1 0.33 0.47 1.0 2.2 4.7 10 22 68	DCR(Ω) max.	Isat(A)	Irms(A)
MWC 25012		2.5 x 2.0	1.2	0.33~2.2		0.017~98	1.8~4.3	2.3~5.6
MWC 04020		4.45 x 4.75	2.0	0.47~10.0		0.014~0.282	2.2~9.5	1.6~7.5
MWC 05030		5.40 x 5.70	3.0	0.47~10.0		0.0085~0.125	3.5~12.0	3.2~11.0
MWC 07030		6.8 x 7.3	3.0	0.47~22.0		0.0041~0.200	3.0~20.0	2.3~18.0
MWC 10040		10.3 x 11.5	4.0	0.36~33.0		0.0012~0.092	5.0~50.0	4.4~30.0
MWC 03020		3.7 x 3.4	2.0	0.47~10.0		0.023~0.422	1.6~9.0	1.4~7.0
MWC 040□□		4.7 x 4.3	1.2 ~ 2.0	0.10~10.0		0.0048~0.440	1.6~35.0	1.2~12.0
MWC050□□		6.0 x 5.4	1.2 ~ 3.0	0.10~33.0		0.0044 ~0.440	1.6~21.0	1.5~15.5
MWC 07012		7.3 x 6.9	1.2	0.68~10.0		0.019~0.290	2.2~8.0	2.0~7.0
MWC 04020		4.3 x 4.3	2.1	0.10~2.2		0.0024~0.038	6.0~33.0	5.6~18.0
MWC 07030		6.6 x 6.4	3.1	0.18 ~4.5		0.0017~0.025	10.0~40.0	7.0 ~32.0
MWB 070□□		7.3 x 6.9	1.5 ~ 5.0	0.10~47.0		0.0076~0.216	2.8~18.0	2.3 ~11.0
MWB 100□□		11.5 x 10.3	4.0 ~ 5.0	0.36~68.0		0.0012~0.340	3.0~50.0	2.5~32.0
MWB 13038		14.0 x 12.9	3.8	0.10~10.0		0.0009~0.034	14.0~84.0	7.0~43.0