

APS 2213 Series

Features

- Alloy powder Inductor.
- 100% lead (Pb)-free.
- Lowest DCR/uH, in this package size.
- Handles high transient current spikes without saturation.
- Ultra low buzz noise, due to composite construction.
- RoHS compliance.
- Halogen Free.

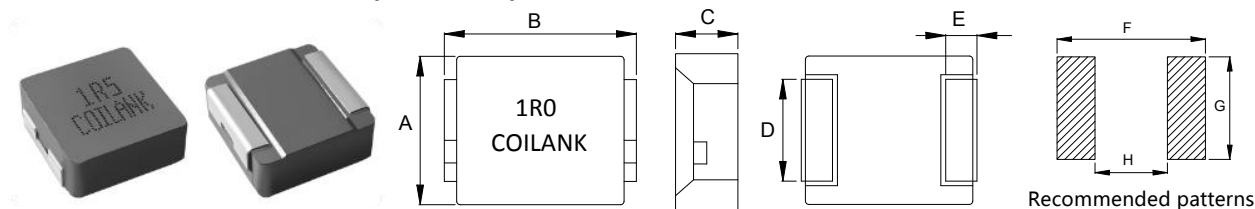
Applications

- Notebook/Desktop/Server applications.
- Low profile, high current power supplies.
- DC/DC converter for Field Programmable Gate Array(FPGA).

Test Equipment and Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to +125°C.(Including self - temperature rise)
- DC current(Irms)that will cause an approximate ΔT of 40°C.
- DC current(Isat)that will cause Lo to drop approximately 40%.

1.External Dimensions (Unit:mm)



TYPE	A	B Max	C Max	D typ	E typ	F typ	G typ	H typ	Q'TY/Reel
APS2213	22.0±0.3	24	13	19	5	24	19.6	12.5	80

2. Part Number Code

APS	2213	M	1R0	A
Series Name	Dimensions: L*W*H	Tolerance 20%	Inductance	Internal control

APS 2213 Series

Part Number	Inductance (μ H) @100KHz/1V	DC Resistance (m Ω) Max.	Heat Rating Current I _{rms} (A)Typ.	Saturation Current I _{sat} (A)Typ.
APS2213M1R0A	1	0.95	72	91
APS2213M1R5A	1.5	1.15	63	75
APS2213M2R2A	2.2	1.25	59	53
APS2213M3R3A	3.3	1.75	50	52
APS2213M4R7A	4.7	2.2	48	44
APS2213M6R8A	6.8	3.1	41	41
APS2213M100A	10	4.15	34	37.44
APS2213M150A	15	6.12	26.5	31.92
APS2213M220A	22	11	22.5	20.83
APS2213M330A	33	15.4	19.5	19
APS2213M470A	47	20.8	17.5	15.54
APS2213M680A	68	29.5	14.3	14
APS2213M820A	82	34.2	12.3	11.2
APS2213M101A	100	40	11.2	11