

AAPS 2213 Series

Features

- Qualified to AEC-Q200.
- 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.

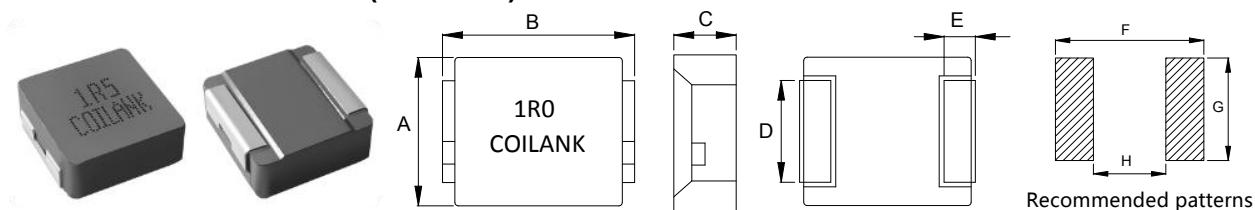
Applications

- Automotive applications.

Test Equipment and Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -55°C to +155°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%.
- Above AAPS2213 size project, absolute maximum voltage 100VDC.

1.External Dimensions (Unit:mm)



TYPE	A	B Max	C Max	D typ	E typ	F typ	G typ	H typ	Q'TY/Reel
AAPS2213	22.0±0.3	24	13	19	5	24	19.6	12.5	80

2. Part Number Code

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

AAPS 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.
AAPS2213M1R0A	1	0.95	72	91
AAPS2213M1R5A	1.5	1.15	63	75
AAPS2213M2R2A	2.2	1.25	59	53
AAPS2213M3R3A	3.3	1.75	50	52
AAPS2213M4R7A	4.7	2.2	48	44
AAPS2213M6R8A	6.8	3.1	41	41
AAPS2213M100A	10	4.15	34	37.44
AAPS2213M150A	15	6.12	26.5	31.92
AAPS2213M220A	22	11	22.5	20.83
AAPS2213M330A	33	15.4	19.5	19
AAPS2213M470A	47	20.8	17.5	15.54
AAPS2213M680A	68	29.5	14.3	14
AAPS2213M820A	82	34.2	12.3	11.2
AAPS2213M101A	100	40	11.2	11