

Sample Kit 2021

SMT Power Inductors

B82464D6*M000 Dual Inductors



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SMT Power Inductors – Dual Inductor 10.4 x 10.4 x 6.3 (mm)

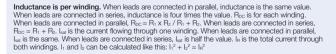
L _{ind} ±20%	μH	2.2	4.7	10	15	22	47
I _B	А	6.17	5.08	3.71	3.09	2.66	1.7
Isat. typ	А	13.85	9.9	6.15	5.2	4.35	2.95
R _{DC. typ}	mΩ	18	27	52	76	105	238
K _{typ}	%	95	97	99	99	99	99
Ordering code	B82464D6	222M000	472M000	103M000	153M000	223M000	473M000

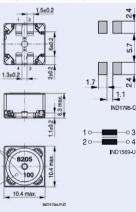
Features

- Special winding technology for tight coupling of the two windings (coupling factor K = 95% to 99%)
- Magnetically shielded
- Winding welded to terminals
- Base plate construction for high mechanical robustness
- Temperature range up to +150 °C
- Qualification to AEC-Q200

Applications

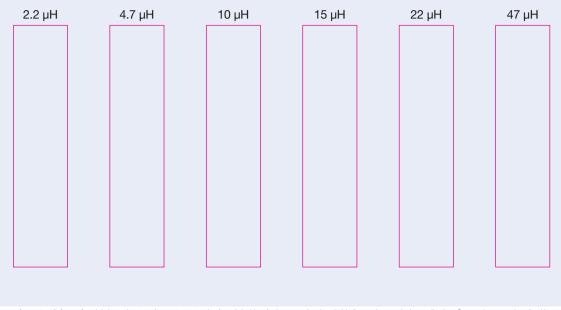
- DC/DC converter, especially for SEPIC topology
- Buck converter with auxiliary output
- Common mode choke
- 1:1 transformer





Pin 1 marking

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Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our Important notes and the product-specific Cautions and warnings must be observed. All relevant information is available through our sales offices.