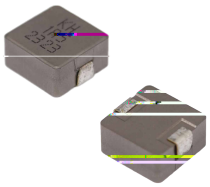
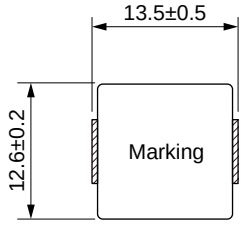
MDSA Series
SMD Low Profile High Current Molded Inductor
Size 1365

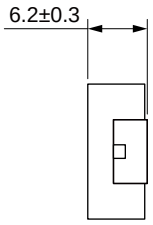


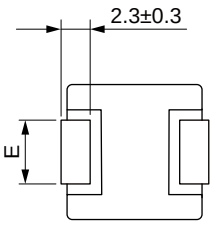
APPLICATION

- Noise filter for various drive circuitry requiring high temp. opera on and peak current handing capability.
- Boost-Converter
- Buck-Converter В τ r

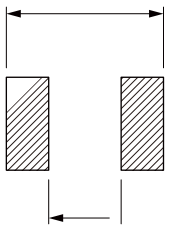
Dimensions: [mm]







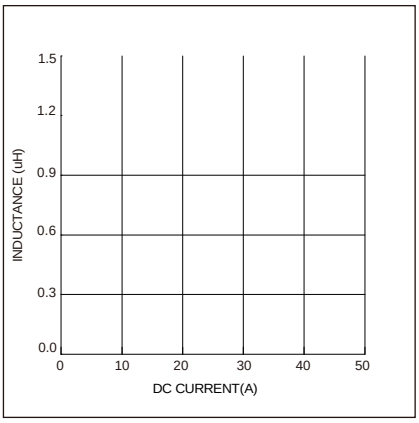
Land Pattern: [mm]

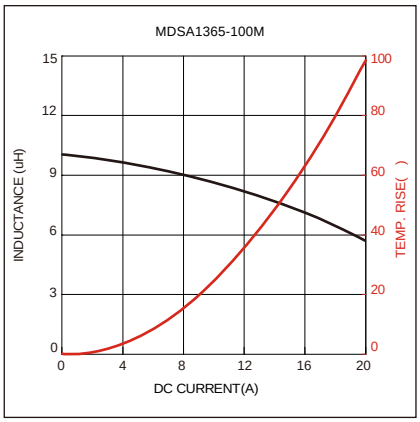


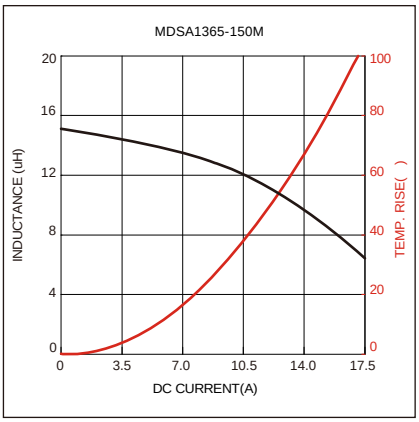
Electrical Properties:

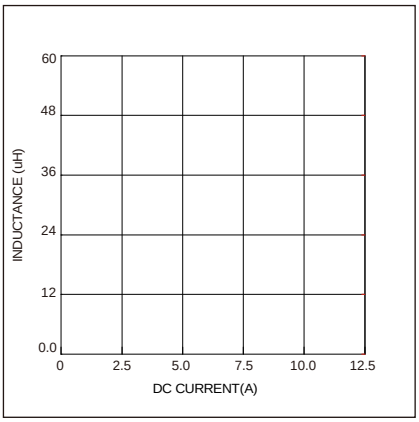
Tolerance	DC Resistance Typ. o Φ p p
±20%	0.90 н Φ н р
±20%	1.30
±20%	1.55
±20%	2.25
±20%	3.75
±20%	5.40
±20%	6.90
±20%	8.40
±20%	9.90
±20%	12.1
±20%	13.1
±20%	22.2

Typical Electrical Characteristics:




MDSA1365-100M
INDUCTANCE (uH)
TEMP. RISE( )
DC CURRENT(A)
15
12
9
6
3
0
100
80
60
40
20
0
0
4
8
12
16
20


MDSA1365-150M
INDUCTANCE (uH)
TEMP. RISE( )
DC CURRENT(A)
20
16
12
8
4
0
100
80
60
40
20
0
0
3.5
7.0
10.5
14.0
17.5


INDUCTANCE (uH)
DC CURRENT(A)
60
48
36
24
12
0.0
0
2.5
5.0
7.5
10.0
12.5

Reel Dimension : [mm]

Packaging Quantity: