

6000B Series

DC Resistance

Max.

 $m\Omega$

13

17

25

38

50

80

100

135

Surface Mount Power Inductors

SRF

Тур.

MHz

7.45

6.07

4.98

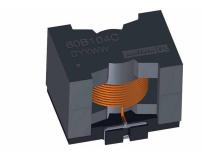
3.90

3.21

2.66

2.15

1.59



FEATURES

RoHS	comp	liant
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■ Up to 10.5A loc

■ 47µH to 680µH

■ High energy storage, very low resistance

■ UL 94V-0 packaging materials

J-STD-020D.1 reflow

■ Custom inductance values available

-40°C to 85°C
-40°C to 125°C

DC Current²

Max.

Α

10.5

9.0

7.5

6.0

5.0

4.0

3.5

3.0

Inductance, L

0.1V@100KHz (±15%)

μΗ

47

68

100

150

220

330

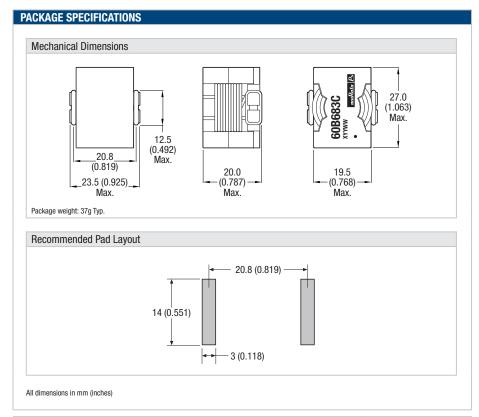
470

680

SOLDERING INFORMATION ¹	
Peak reflow solder temperature	245°C
Pin finish	Pure tin
Moisture sensitivity level ³	1

PRODUCT OVERVIEW

The 6000B series is a range of high-current, surface-mount power inductors. They are designed for use in power applications such as DC-DC converters, energy storage and input or output filtering.







PACKAGING INFORMATION

Carton

SELECTION GUIDE

Order Code

60B473C

60B683C

60B104C

60B154C

60B224C

60B334C

60B474C

60B684C

Specifications typical at T_A = 25°C

1 For further information, please visit www.murata-ps.com/rohs

- 2 The maximum DC current is the value at which the inductance falls to 75% of its nominal value or when its temperature rise reaches 40°C, whichever is sooner.
- 3 Representative samples of the product were subjected to the conditioning described in IPC/JEDEC J-STD-020D and passed electrical testing, package coplanarity and visual inspection which revealed no external cracks or changes in package body flatness.

www.murata.com

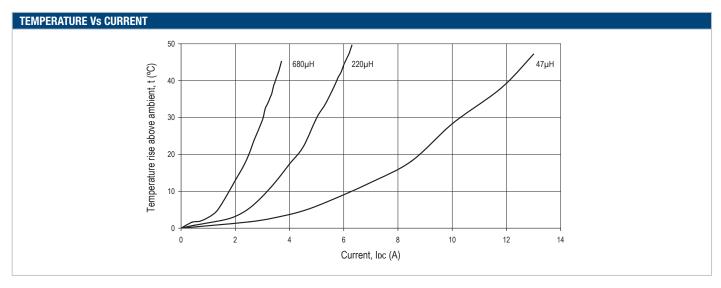
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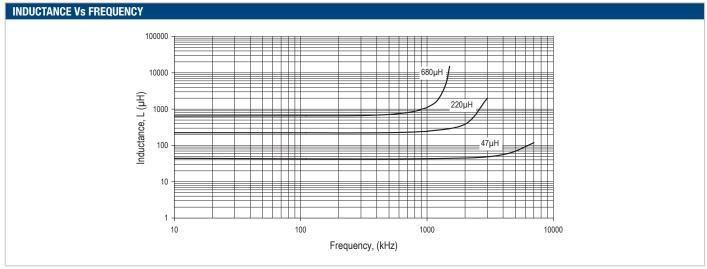
30 per carton





Surface Mount Power Inductors







6000B Series

Surface Mount Power Inductors

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