# 3200 Series

Vertical Mount Toroidal Inductors

ELECTION G	UIDE						
Order Code	Inductance, L	DC Current <sup>2</sup>	DC Resistance	Q @ f MHz Nom.		SRF	Package Weight
	±15%	Max.	Max.			Тур.	Тур.
	μH	А	mΩ	Q	f	MHz	g
32100C	10	4.50	20	3.1	1.0	69	7.8
32150C	15	3.70	24	3.1	1.0	53	8.1
32220C	22	3.00	29	3.2	1.0	41	8.4
32330C	33	2.50	36	3.2	1.0	28	8.8
32470C	47	2.10	42	3.1	1.0	21	9.2
32680C	68	1.70	62	3.1	1.0	11	9.0
32101C	100	1.40	77	3.5	0.8	5.3	9.6
32151C	150	1.20	117	3.3	0.8	3.3	9.4
32221C	220	0.96	141	3.3	0.8	2.8	9.8
32331C	330	0.78	215	3.2	0.8	2.3	9.9
32471C	470	0.66	312	2.8	0.8	1.6	9.6
32681C	680	0.55	377	2.0	0.8	1.2	10.4
32102C	1000	0.45	568	1.2	0.8	1.0	10.1

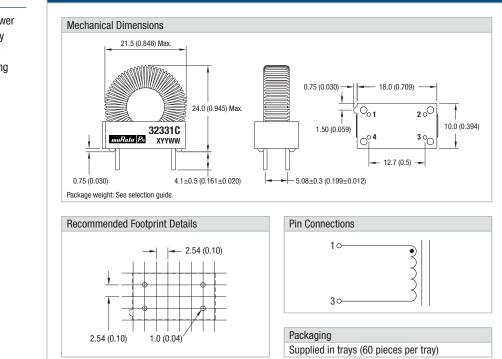
#### RATINGS

Operating temperature range	-40°C to 125°C
Storage temperature range	-40°C to 125°C

SOLDERING INFORMATION <sup>1</sup>
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Peak wave solder temperature	260°C
Pin finish	Tin

### IONS



Unless otherwise stated, all dimensions in mm (inches)  $\pm$  0.25 (0.010).

- Specifications typical at  $T_{\rm A} = 25^{\circ}{\rm C}$  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.

### **FEATURES**

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32151

	021110	110		
RoHS compliant	32681C	680		
	321020	1000		
Toroidal construction				
Up to 4.5A loc	ABSOLUTE MA	AXIMUM I		
	<ul> <li>Operating temp</li> </ul>	Operating temperature ra		
Inductance range from 10µH to 1.0mH	Storage temper	Storage temperature rand		
Low EMI				
UL 94V-0 packaging materials	SOLDERING IN	FORMATIO		
	Peak wave sold	Peak wave solder temperative		
Low DC resistance	Pin finish			
PRODUCT OVERVIEW	PACKAGE SPI	ECIFICATI		
	-			

The 3200 series is a range of through-hole power inductors. Due to the toroidal construction, they exhibit a very low EMI as stray flux is kept to a minimum. Typical applications include switching regulators, and power line filtering.

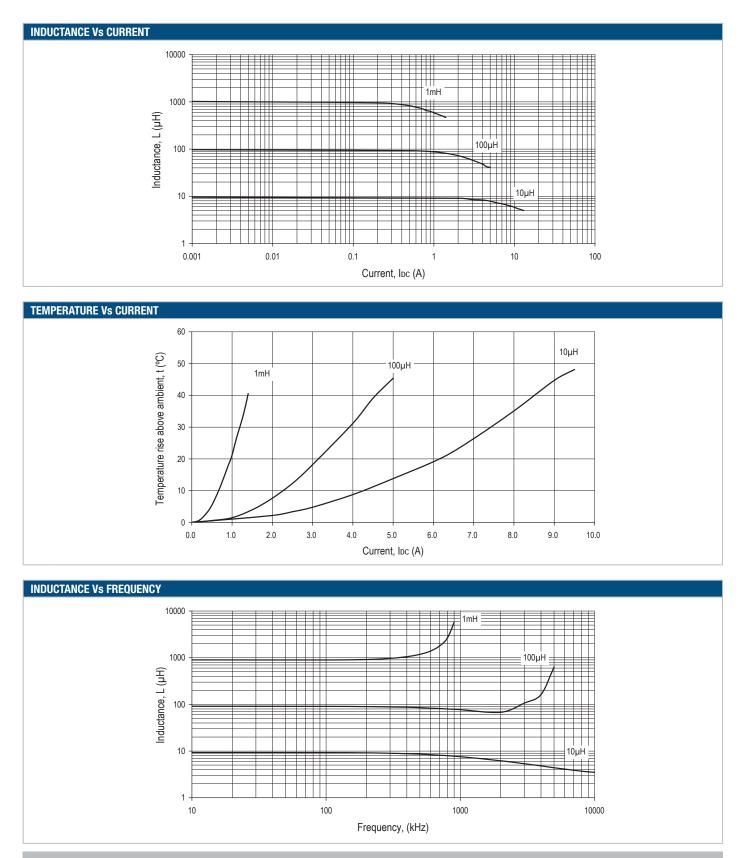


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