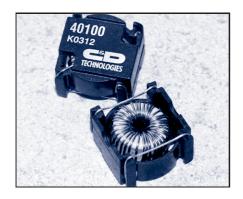


Power Solutions

## Toroidal Surface Mount Inductors

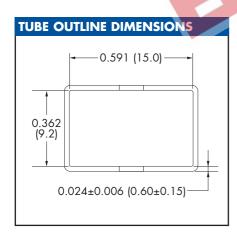


#### **FEATURES**

- 3.3µH to 330µH
- Surface Mounting
- Up to 5.20A IDC
- UL 94V-0 Package Materials
- Compact Size
- Toroidal Construction giving Low Leakage Flux
- Pick & Place Compatible

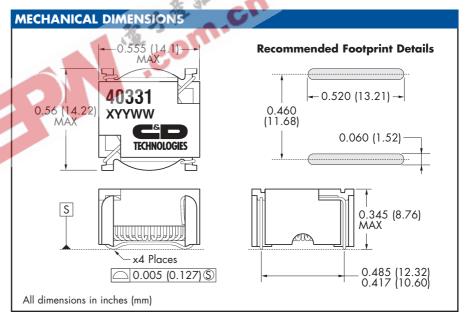
### **DESCRIPTION**

The 4000 series is a range of surface mount toroidal inductors designed for use in switching power supplies and DC/DC converters. The parts are ideal for applications requiring low profile compact components in a surface mount package.



SELECTION GUIDE						
	Nominal Inductance	Inductance Range	DC Resistance	DC Current Continuous		
Order Code	μH 10kHz rms 10mV AC	μH 10kHz rms 10mV AC	mΩ MAX	A MAX		
403R3	3.3	2.4 - 3.9	1 <i>7</i>	5.20		
404R7	4.7	3.7 - 6.1	19	4.40		
406R8	6.8	5.3 - 8.8	20	3.60		
40100	10	7.2 - 12.0	23	3.00		
40150	15	11.9 - 19.8	30	2.40		
40220	22	16.2 - 27.0	35	2.10		
40330	33	24.8 - 41.4	54	1.66		
40470	47	35.3 - 58.9	79	1.42		
40680	68	50.3 - 83.9	148	1.20		
40101	100	74.4 - 124	1 <i>77</i>	0.94		
40151	150	115 - 192	273	0.76		
40221	220	165 - 275	405	0.67		
40331	330	247 - 412	610	0.54		

PACKAGE DETAILS	•			
Order Code	TYP Weight (g)	Packaging Style	QTY	
40XXX	3.2	Tube	30	



ABSOLUTE MAXIMUM RATINGS	
Operating free air temperature range	-40°C to 85°C
Storage temperature range	–40°C to 125°C

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NMP 4000.1

Instructions for use are available from: www.cdpoweronline.com

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