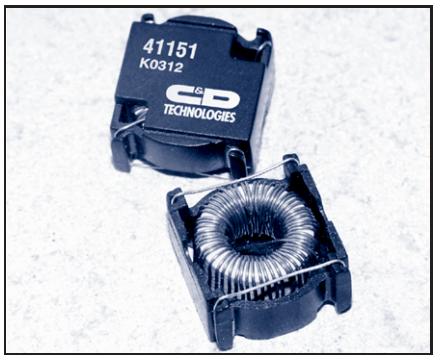
C&D TECHNOLOGIES
Power Solutions

4100 SERIES

Toroidal Surface Mount Inductors



FEATURES

- 2.7µH to 330µH
- Surface Mounting
- Up to 8.10A IDC
- UL 94V-0 Package Materials
- Compact Size
- Toroidal Construction giving Low Leakage Flux
- Pick & Place Compatible

DESCRIPTION

The 4100 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.

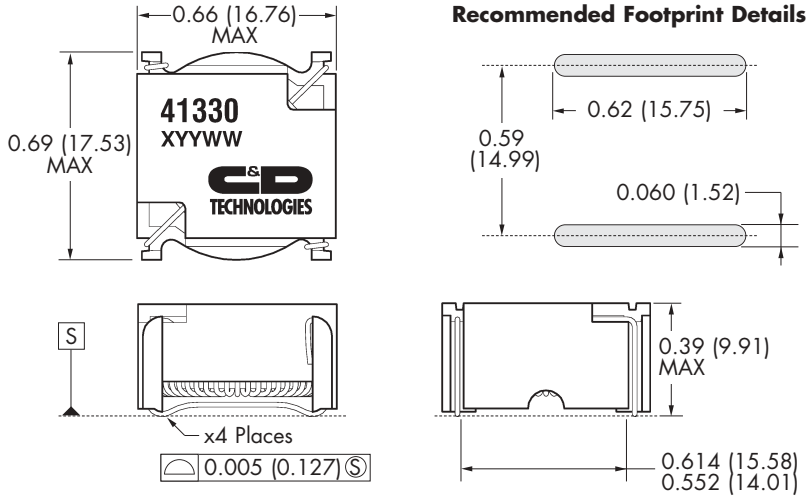
SELECTION GUIDE

Order Code	Nominal Inductance µH 10kHz rms 10mV AC	Inductance Range µH 10kHz rms 10mV AC	DC Resistance mΩ MAX	DC Current Continuous A MAX
412R7	2.7	2.1 - 3.5	14	8.10
414R7	4.7	3.3 - 5.4	18	6.70
416R8	6.8	4.7 - 7.8	20	5.70
41100	10	7.3 - 12.2	24	4.70
41150	15	10.6 - 17.6	28	4.00
41220	22	15.8 - 26.3	33	3.30
41330	33	23.8 - 39.6	38	2.70
41470	47	35.5 - 59.2	62	2.20
41680	68	52.2 - 87.0	110	1.75
41101	100	75.2 - 125	158	1.47
41151	150	114 - 189	247	1.16
41221	220	164 - 274	377	1.03
41331	330	247 - 412	462	0.83

PACKAGE DETAILS

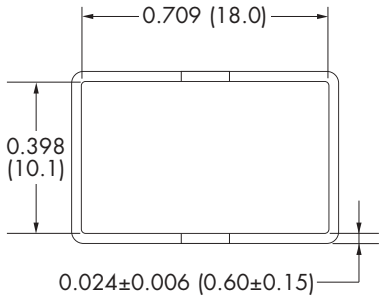
Order Code	TYP Weight (g)	Packaging Style	QTY
41XXX	5.6	Tube	25

MECHANICAL DIMENSIONS



All dimensions in inches (mm)

TUBE OUTLINE DIMENSIONS



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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