

# DESIGN KIT

## WE-TI Radial Leaded Wire Wound Inductor

**SIZE:**

8012 / 1014 / 1020

**TECHNICAL DATA:**

L: 10 – 150000  $\mu$ H  
 $R_{DC}$ : 0.02 – 270  $\Omega$   
 $I_R$ : 0.03 – 4.7 A  
 $I_{sat}$ : 0.035 – 4.5 A

**Order Code 744 743****Version 1.0**

# WE-TI

## Radial Leaded Wire Wound Inductor



8012		8012		8012		1014		1014	
<b>744 745 210 0</b>		<b>744 745 210 2</b>		<b>744 745 215 4</b>		<b>744 748 010 1</b>		<b>744 748 010 2</b>	
L:	10 $\mu$ H	L:	1000 $\mu$ H	L:	150000 $\mu$ H	L:	100 $\mu$ H	L:	100 $\mu$ H
R <sub>DC</sub> :	0.02 $\Omega$	R <sub>DC</sub> :	1.55 $\Omega$	R <sub>DC</sub> :	270 $\Omega$	R <sub>DC</sub> :	0.125 $\Omega$	R <sub>DC</sub> :	1.15 $\Omega$
I <sub>R</sub> :	4.7 A	I <sub>R</sub> :	0.6 A	I <sub>R</sub> :	0.03 A	I <sub>R</sub> :	2.4 A	I <sub>R</sub> :	0.8 A
I <sub>SAT</sub> :	4.5 A	I <sub>SAT</sub> :	0.55 A	I <sub>SAT</sub> :	0.035 A	I <sub>SAT</sub> :	2.5 A	I <sub>SAT</sub> :	0.8 A
<b>744 745 210 1</b>		<b>744 745 247 2</b>		<b>744 749 047 2</b>		<b>744 748 022 1</b>		<b>744 748 033 2</b>	
L:	100 $\mu$ H	L:	4700 $\mu$ H	L:	4700 $\mu$ H	L:	220 $\mu$ H	L:	3300 $\mu$ H
R <sub>DC</sub> :	0.16 $\Omega$	R <sub>DC</sub> :	7 $\Omega$	R <sub>DC</sub> :	3.6 $\Omega$	R <sub>DC</sub> :	0.26 $\Omega$	R <sub>DC</sub> :	4 $\Omega$
I <sub>R</sub> :	1.8 A	I <sub>R</sub> :	0.23 A	I <sub>R</sub> :	0.45 A	I <sub>R</sub> :	1.6 A	I <sub>R</sub> :	0.36 A
I <sub>SAT</sub> :	1.5 A	I <sub>SAT</sub> :	0.2 A	I <sub>SAT</sub> :	0.55 A	I <sub>SAT</sub> :	1.75 A	I <sub>SAT</sub> :	0.4 A
<b>744 745 233 1</b>		<b>744 745 010 3</b>		<b>744 749 068 2</b>		<b>744 748 047 1</b>		<b>744 748 082 2</b>	
L:	330 $\mu$ H	L:	100000 $\mu$ H	L:	6800 $\mu$ H	L:	470 $\mu$ H	L:	8200 $\mu$ H
R <sub>DC</sub> :	0.47 $\Omega$	R <sub>DC</sub> :	16.6 $\Omega$	R <sub>DC</sub> :	5 $\Omega$	R <sub>DC</sub> :	0.52 $\Omega$	R <sub>DC</sub> :	9 $\Omega$
I <sub>R</sub> :	1.1 A	I <sub>R</sub> :	0.18 A	I <sub>R</sub> :	0.42 A	I <sub>R</sub> :	1.15 A	I <sub>R</sub> :	0.3 A
I <sub>SAT</sub> :	0.85 A	I <sub>SAT</sub> :	0.18 A	I <sub>SAT</sub> :	0.4 A	I <sub>SAT</sub> :	1.15 A	I <sub>SAT</sub> :	0.3 A

EMC COMPONENTS | **INDUCTORS** | TRANSFORMERS | RF COMPONENTS | CIRCUIT PROTECTION | EMC SHIELDING MATERIAL | LEDS | CONNECTORS | SWITCHES | ASSEMBLY TECHNIQUE | POWER ELEMENTS

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**Packaging:**  
Tray or Tape & Reel