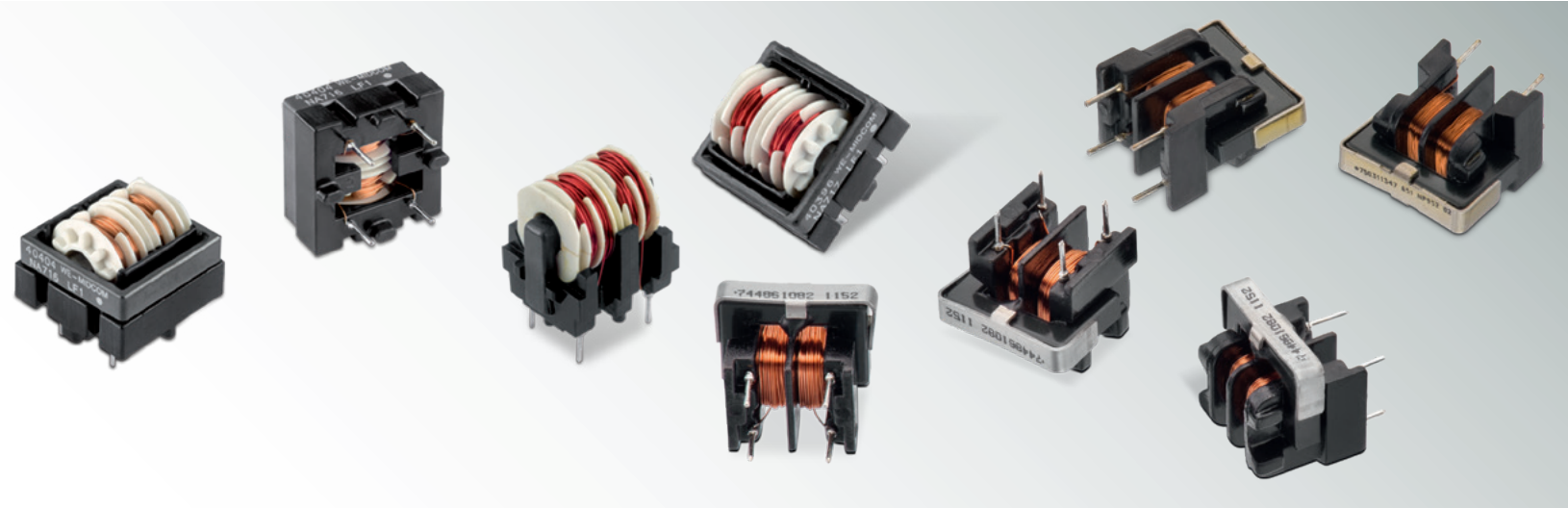




# DESIGN KIT

## WE-FC, WE-TFC & WE-TFCH Power Line Common Mode Filter

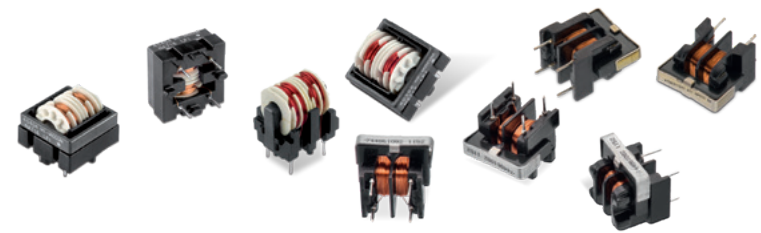


**SIZE:**  
UU9.8V / UU9.8H / ET20H / UT20V

**TECHNICAL DATA:**  
L: 1.1 – 42 mH  
 $I_R$ : 0.25 – 2.6 A  
 $R_{DC}$ : 0.25 – 2.0  $\Omega$   
 $U_R$ : 250 V

**Order Code 744 864**  
**Version 2.1**

# WE-FC, WE-TFC & WE-TFCH Power Line Common Mode Filter



WE-TFC				WE-TFCH	
<b>744 862 018</b>		<b>744 862 056</b>		<b>744 862 250</b>	
L:	1.8 mH	L:	5.6 mH	L:	25.0 mH
I <sub>R</sub> :	1.0 A	I <sub>R</sub> :	0.60 A	I <sub>R</sub> :	0.25 A
R <sub>DC</sub> :	0.31 Ω	R <sub>DC</sub> :	0.83 Ω	R <sub>DC</sub> :	3.60 Ω
U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V
<b>744 862 120</b>		<b>744 861 033</b>			
L:	12.0 mH	L:	3.3 mH		
I <sub>R</sub> :	0.40 A	I <sub>R</sub> :	0.80 A		
R <sub>DC</sub> :	2.00 Ω	R <sub>DC</sub> :	0.51 Ω		
U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V		
WE-TFCH			WE-FC ET		
<b>744 861 082</b>		<b>744 861 180</b>		<b>744 864 039 5</b>	
L:	8.2 mH	L:	18.0 mH	L:	1.1 mH
I <sub>R</sub> :	0.50 A	I <sub>R</sub> :	0.30 A	I <sub>R</sub> :	2.6 A
R <sub>DC</sub> :	1.30 Ω	R <sub>DC</sub> :	3.10 Ω	R <sub>DC</sub> :	0.065 Ω
U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V
				<b>744 864 039 8</b>	
				L:	4.9 mH
				I <sub>R</sub> :	1.2 A
				R <sub>DC</sub> :	0.25 Ω
				U <sub>R</sub> :	250 V
				<b>744 864 040 2</b>	
				L:	15 mH
				I <sub>R</sub> :	0.7 A
				R <sub>DC</sub> :	0.72 Ω
				U <sub>R</sub> :	250 V
WE-FC ET		WE-FC UT			
<b>744 864 040 5</b>		<b>744 864 040 7</b>		<b>744 864 040 9</b>	
L:	42 mH	L:	1.5 mH	L:	2.8 mH
I <sub>R</sub> :	0.45 A	I <sub>R</sub> :	2.2 A	I <sub>R</sub> :	1.6 A
R <sub>DC</sub> :	2.00 Ω	R <sub>DC</sub> :	0.095 Ω	R <sub>DC</sub> :	0.165 Ω
U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V	U <sub>R</sub> :	250 V
				<b>744 864 041 3</b>	
				L:	7.2 mH
				I <sub>R</sub> :	1.05 A
				R <sub>DC</sub> :	0.415 Ω
				U <sub>R</sub> :	250 V
				<b>744 864 041 7</b>	
				L:	29 mH
				I <sub>R</sub> :	0.52 A
				R <sub>DC</sub> :	1.64 Ω
				U <sub>R</sub> :	250 V

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

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