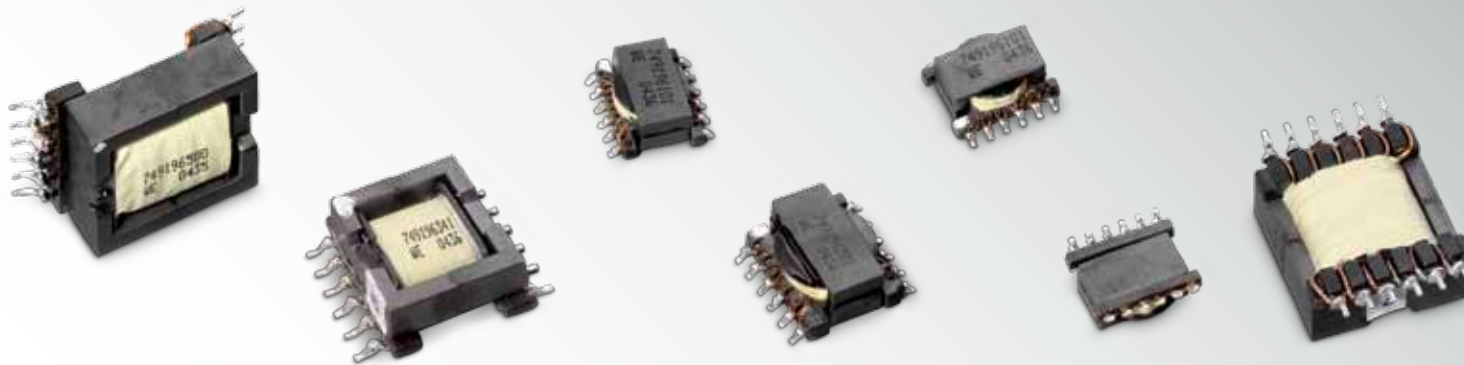


DESIGN KIT

WE-FLEX Transformer for DC/DC-Converter

**SIZE:**

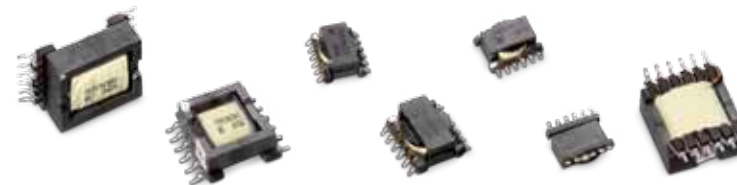
ER 11/5; ER 14.5/6; EFD 15; EFD 20

TECHNICAL DATA:

L:	3.4 ~ 198.6 μ H
I _R :	0.55 ~ 1.91 A
I _{sat} :	0.01 ~ 4.18 A

Order Code 749 196**Version 1.0**

WE-FLEX Transformer for DC/DC-Converter



ER 11/5		ER 14.5/6		EFD 15		EFD 20			
749 196 101		749 196 201		749 196 301		749 196 500			
L:	198.6 μ H	L:	140 μ H	L:	153.8 μ H	L:	87.1 μ H	L:	87.1 μ H
$I_{R'}$:	0.55 A	$I_{R'}$:	0.95 A	$I_{R'}$:	0.97 A	$I_{R'}$:	1.91 A	$I_{R'}$:	1.91 A
I_{sat} :	0.01 A	I_{sat} :	0.02 A	I_{sat} :	0.02 A	I_{sat} :	0.03 A	I_{sat} :	0.03 A
749 196 111		749 196 211		749 196 311		749 196 510			
L:	27.4 μ H	L:	21.6 μ H	L:	23.3 μ H	L:	9.9 μ H	L:	9.9 μ H
$I_{R'}$:	0.55 A	$I_{R'}$:	0.95 A	$I_{R'}$:	0.97 A	$I_{R'}$:	1.91 A	$I_{R'}$:	1.91 A
I_{sat} :	0.22 A	I_{sat} :	0.36 A	I_{sat} :	0.33 A	I_{sat} :	1.17 A	I_{sat} :	1.17 A
749 196 121		749 196 221		749 196 321		749 196 520			
L:	14.7 μ H	L:	11.6 μ H	L:	14.2 μ H	L:	5.3 μ H	L:	5.3 μ H
$I_{R'}$:	0.55 A	$I_{R'}$:	0.95 A	$I_{R'}$:	0.97 A	$I_{R'}$:	1.91 A	$I_{R'}$:	1.91 A
I_{sat} :	0.54 A	I_{sat} :	0.84 A	I_{sat} :	0.63 A	I_{sat} :	2.53 A	I_{sat} :	2.53 A
749 196 131		749 196 231		749 196 331		749 196 530			
L:	10.9 μ H	L:	8.3 μ H	L:	9.3 μ H	L:	4.3 μ H	L:	4.3 μ H
$I_{R'}$:	0.55 A	$I_{R'}$:	0.95 A	$I_{R'}$:	0.97 A	$I_{R'}$:	1.91 A	$I_{R'}$:	1.91 A
I_{sat} :	0.73 A	I_{sat} :	1.20 A	I_{sat} :	1.09 A	I_{sat} :	2.91 A	I_{sat} :	2.91 A
749 196 141		749 196 241		749 196 341		749 196 540			
L:	8.5 μ H	L:	6.6 μ H	L:	7.9 μ H	L:	3.4 μ H	L:	3.4 μ H
$I_{R'}$:	0.55 A	$I_{R'}$:	0.95 A	$I_{R'}$:	0.97 A	$I_{R'}$:	1.91 A	$I_{R'}$:	1.91 A
I_{sat} :	0.96 A	I_{sat} :	1.55 A	I_{sat} :	1.33 A	I_{sat} :	4.18 A	I_{sat} :	4.18 A
749 196 501		749 196 501		749 196 501		749 196 501			
L:	196 μ H	L:	196 μ H	L:	196 μ H	L:	196 μ H	L:	196 μ H
$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A
I_{sat} :	0.02 A	I_{sat} :	0.02 A	I_{sat} :	0.02 A	I_{sat} :	0.02 A	I_{sat} :	0.02 A
749 196 511		749 196 511		749 196 511		749 196 511			
L:	22.3 μ H	L:	22.3 μ H	L:	22.3 μ H	L:	22.3 μ H	L:	22.3 μ H
$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A
I_{sat} :	0.49 A	I_{sat} :	0.49 A	I_{sat} :	0.49 A	I_{sat} :	0.49 A	I_{sat} :	0.49 A
749 196 521		749 196 521		749 196 521		749 196 521			
L:	12 μ H	L:	12 μ H	L:	12 μ H	L:	12 μ H	L:	12 μ H
$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A
I_{sat} :	1.73 A	I_{sat} :	1.73 A	I_{sat} :	1.73 A	I_{sat} :	1.73 A	I_{sat} :	1.73 A
749 196 531		749 196 531		749 196 531		749 196 531			
L:	9.7 μ H	L:	9.7 μ H	L:	9.7 μ H	L:	9.7 μ H	L:	9.7 μ H
$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A
I_{sat} :	2.2 A	I_{sat} :	2.2 A	I_{sat} :	2.2 A	I_{sat} :	2.2 A	I_{sat} :	2.2 A
749 196 541		749 196 541		749 196 541		749 196 541			
L:	7.6 μ H	L:	7.6 μ H	L:	7.6 μ H	L:	7.6 μ H	L:	7.6 μ H
$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A	$I_{R'}$:	1.7 A
I_{sat} :	2.46 A	I_{sat} :	2.46 A	I_{sat} :	2.46 A	I_{sat} :	2.46 A	I_{sat} :	2.46 A

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

Important information: Würth Elektronik's design kits contain reference components. These components correspond with the current product development status on the day of supply. Exchange of the reference components to components with up-to-date product development status is not carried out automatically. No liability is taken for the use of these reference components. Therefore, please request new samples prior to releases for series production and product release.

Please check datasheets on www.we-online.com for specifications. Würth Elektronik eiSos GmbH & Co. KG, EMC & Inductive Solutions. © 2011

www.we-online.com

All products
in stock!