Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **749196211** LF

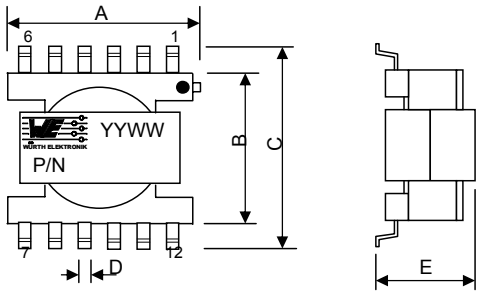
Bezeichnung : **FLEX-ÜBERTRAGER WE-FLEX**
description : **FLEX-TRANSFORMER WE-FLEX**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2006-08-01

A Mechanische Abmessungen / dimensions :



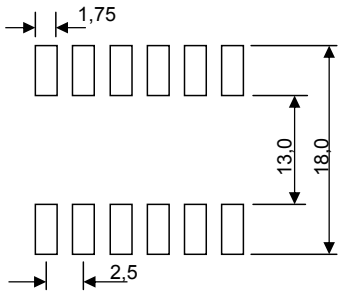
● = Marking Pin 1

	ER14.5/6	
A	**16,3 max**	mm
B	**12,0 typ.**	mm
C	**16,8 max**	mm
D	**0,7 ± 0,1**	mm
E	**7,4 max**	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	**10 kHz / 1 V**	L_{base}	**21,6**	µH	**±20%**
Sättigungsstrom / saturation current	**|ΔL/L|<10%**	$I_{sat\ base}$	**0,36**	A	**typ.**
Nennstrom / rated current	**ΔT=40 K**	$I_{rms\ base}$	**0,95**	A	**typ.**
DC-Widerstand / DC-resistance	**@ 20°C**	$R_{DC\ base}$	**159,0**	mΩ	**max.**
Spannungs-Zeit-Fläche / Voltage-µsecond		∫Udt	**48,3**	µVs	**max.**
Speicherenergie / storage energy		$E_{peak\ base}$	**2,11**	µJ	**typ.**
Streuinduktivität / leakage inductance	**10 kHz / 1V**	$L_{s\ base}$	**0,17**	µH	**typ.**
Hochspannungstest / Hipot test	**3mA / 1sec**	HV	**500**	V_{DC}	

C Lötpad / soldering spec. :



D Prüfgeräte / test equipment :

HP 4274 A für/for L und/and Q
HP 34401 A für/for I_{DC} und/and R_{DC}

E Testbedingungen / test conditions :

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+20°C

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material:	Ferrit/ ferrite
Spulenkörper / Bobbin	UL-V0
Draht / wire:	2UEW 155°C
Kontaktmaterial/ contact plating	Cu-Ag tinned

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - + 125°C
Umgebungstemp. / ambient temperature: -40°C - + 85°C
It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.

Freigabe erteilt / general release:

Kunde / customer	Würth Elektronik
Datum / date	Unterschrift / signature
Geprüft / checked	Kontrolliert / approved

Name	Änderung / modification	Datum / date
TBr	Version 2	2006-08-01
TBr	Version 1	2005-01-19

Würth Elektronik eiSos GmbH & Co.KG
D-74638 Waldenburg · Max-Eyth-Straße 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
http://www.we-online.com

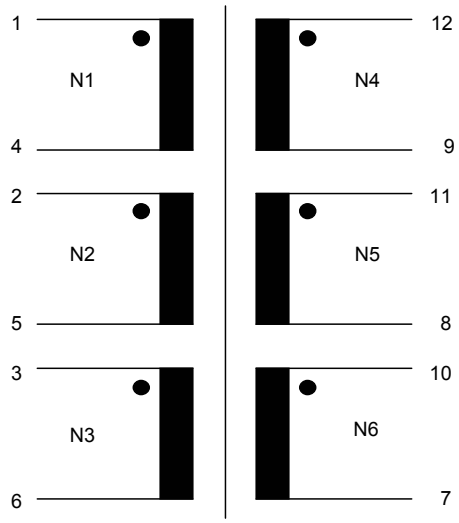
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **749196211** LF

Bezeichnung : **FLEX-ÜBERTRAGER WE-FLEX**
description : **FLEX-TRANSFORMER WE-FLEX**

DATUM / DATE : 2006-08-01

H Induktivitätskurve / Inductance curve :



Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		TBr	Version 2	2006-08-01
		TBr	Version 1	2005-01-19
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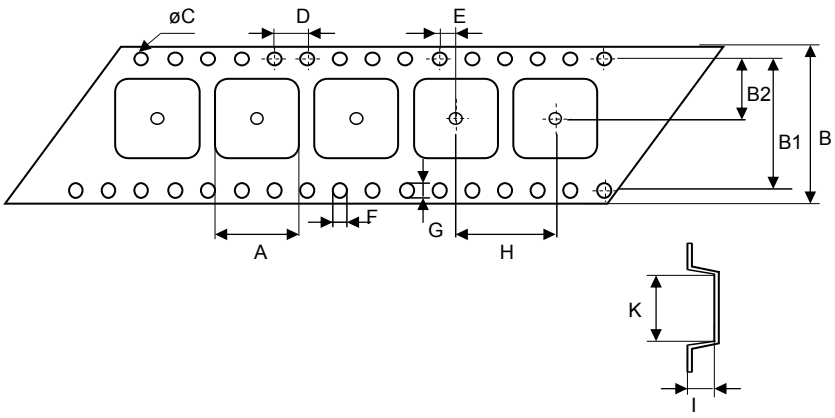
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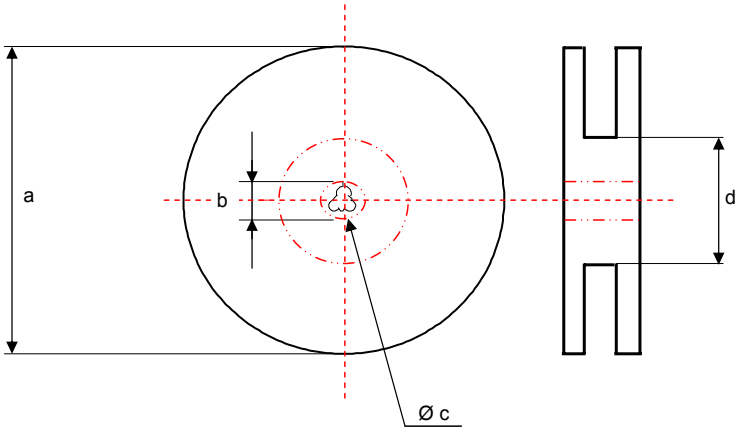
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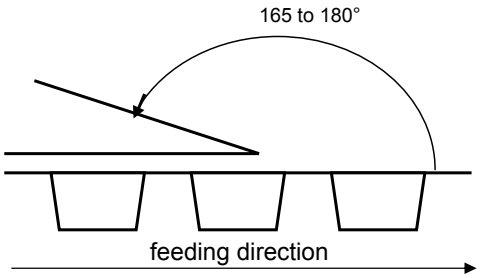
I Rollenspezifikation / tape and reel specification :



Gurtspezifikation / Tape specification:		
A	**15,4 ± 0,1**	mm
B	**32,0 ± 0,3**	mm
B1	**28,4 ± 0,1**	mm
B2	**14,2 ± 0,1**	mm
C	**1,50** $^{+0.1}_{-0.0}$	mm
D	**4,00 ± 0,1**	mm
E	**2,00 ± 0,1**	mm
F	**1,50** $^{+0.1}_{-0.0}$	mm
G	**1,70** $^{+0.15}_{-0.05}$	mm
H	**20,0 ± 0,1**	mm
I	**7,50 ± 0,1**	mm
K	**16,6 ± 0,1**	mm



Rollenspezifikation / Reel specification:		
a	**330,0 ± 2,0**	mm
b	**21,00 ± 0,8**	mm
c	**13,00 ± 0,5**	mm
d	**100,0 ± 1,0**	mm



The force for tearing off cover tape is
10 to 130 grams in arrow direction

Freigabe erteilt / general release:

Kunde / customer				
Würth Elektronik				
		TBr	Version 2	2006-08-01
		TBr	Version 1	2005-01-19
		Name	**Änderung / modification**	Datum / date

Datum / date — Unterschrift / signature

Geprüft / checked — Kontrolliert / approved

This electronic component has been designed and developed for usage in general electronic equipment. Before incorporating this component into any equipment where higher safety and reliability is especially requir if there is the possibility of direct damage or injury to human body, for example in the range of aerospace, aviation, nuclear control, submarine, transportation, (automotive control, train control, ship control), transporta signal, disaster prevention, medical, public information network etc, Würth Elektronik eiSos GmbH must be informed before the design-in stage. In addition, sufficient reliability evaluation checks for safety must be performed on every electronic component which is used in electrical circuits that require high safety and reliability functions or performanc

Würth Elektronik eiSos GmbH & Co.KG

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