

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749196521

LF



Bezeichnung :

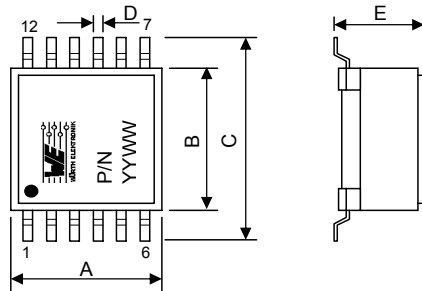
FLEX-ÜBERTRAGER WE-FLEX

description :

FLEX-TRANSFORMER WE-FLEX

DATUM / DATE : 2006-08-01

A Mechanische Abmessungen / dimensions :



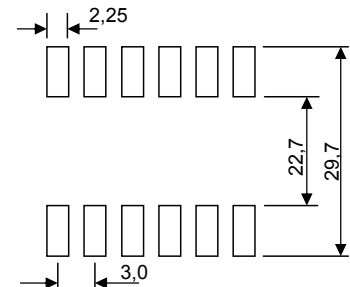
	EFD20	
A	21,0 max	mm
B	21,0 typ.	mm
C	29,5 max	mm
D	0,7 ± 0,1	mm
E	10,8 max	mm

● = Marking Pin 1

B Elektrische Eigenschaften / electrical properties :

C Lötpad / soldering spec. :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	10 kHz / 1 V	L _{base}	12,0	μH	±20%
Sättigungsstrom / saturation current	ΔL/L < 10%	I _{sat base}	1,73	A	typ.
Nennstrom / rated current	ΔT=40 K	I _{rms base}	1,70	A	typ.
DC-Widerstand / DC-resistance	@ 20°C	R _{DC base}	71,1	mΩ	max.
Spannungs-Zeit-Fläche / Voltage-μsecond		∫Udt	98,4	μVs	max.
Speicherenergie / storage energy		E _{peak base}	16,07	μJ	typ.
Streuinduktivität / leakage inductance	10 kHz / 1V	L _{s base}	0,24	μH	typ.
Hochspannungstest / Hipot test	3mA / 1sec	HV	500	V _{DC}	



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:	Ferri/ ferrite
Spulenkörper / Bobbin	UL-V0
Draht / wire:	2UEW155
Kontakmaterial/ 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			
Datum / date	Unterschrift / signature			
	Würth Elektronik	TBr	Version 3	2006-08-01
		TBr	Version 2	2005-08-03
		TBr	Version 1	2005-01-19
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

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>

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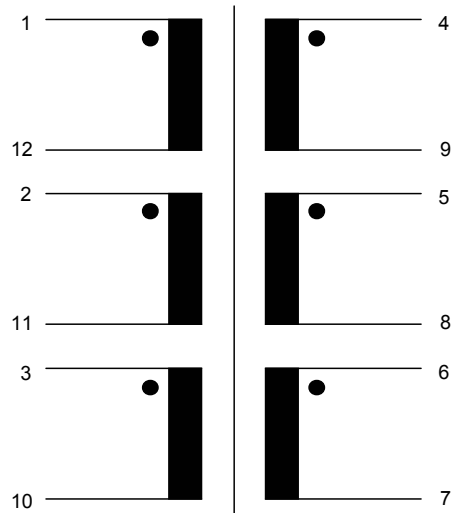


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H Schaltbild / Schematics



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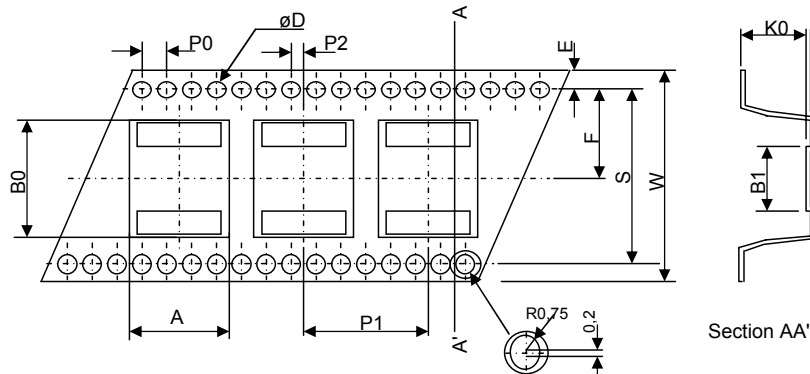
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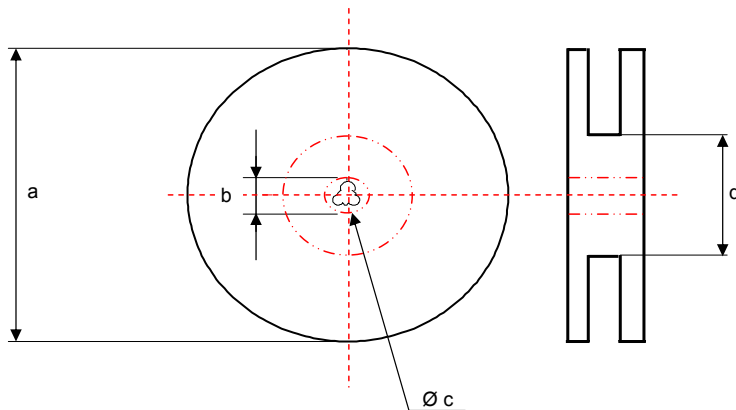
DATUM / DATE : 2006-08-01

I Rollenspezifikation / tape and reel specification :



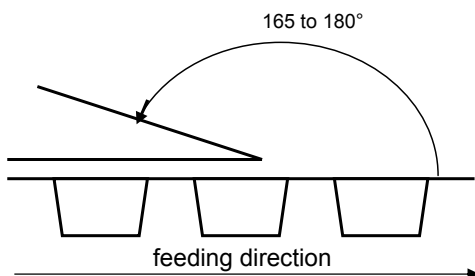
Gurtspezifikation / Tape specification:

A	21,8 ± 0,1	mm
B0	29,5 ± 0,2	mm
B1	18,0 ± 0,1	mm
D	1,50 ± 0,1	mm
E	1,75 ± 0,1	mm
F	20,2 ± 0,1	mm
K0	11,5 ± 0,1	mm
K1	0,60 ± 0,1	mm
P0	4,00 ± 0,1	mm
P1	32,0 ± 0,1	mm
P2	2,00 ± 0,1	mm
S	40,4 ± 0,1	mm
W	44,0 ± 0,3	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

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Würth Elektronik

Geprüft / checked

Kontrolliert / approved

TBr	Version 3	2006-08-01
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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 required or 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), transportation 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 performance.

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