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760871333

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sales@integrated-circuit.com

Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **760871333**

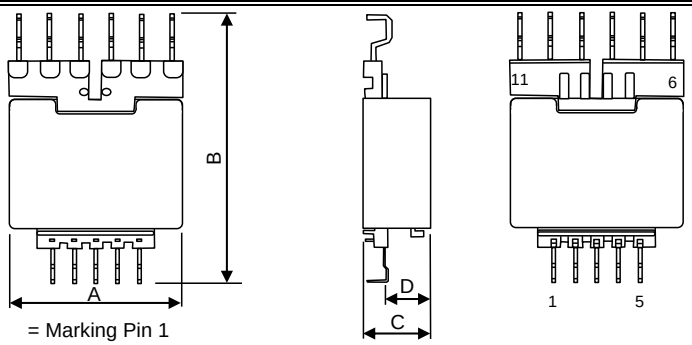
Bezeichnung : **Netzteil-Übertrager WE-SLIM**
description : **Offline transformer WE-SLIM**

COMPLIANT RoHS&REACh WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2011-05-31

A Mechanische Abmessungen / dimensions :



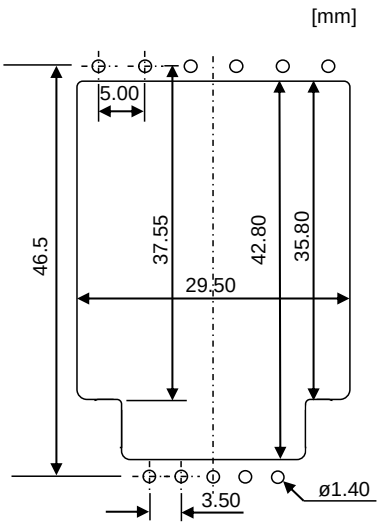
● = Marking Pin 1

	LEP28/11.2	
A	**29.40 max.**	mm
B	**47.50 max.**	mm
C	**12.00 max.**	mm
D	**8.00 max.**	mm

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität N2+N5/ inductance N2+N5	**50 kHz / 0,1 V**	L_{N2+N5}	**250.0**	µH	**±5%**
Windungszahlverhältnis / turns ratio	**N2+N5:N1:N4:N6**	n	**6.25:1:1:1.25**		**±3%**
DC-Widerstand N1 / DC-resistance N1	**@ 20°C**	R_{DC1}	**34.0**	mΩ	**max.**
DC-Widerstand N2 / DC-resistance N2	**@ 20°C**	R_{DC2}	**300.0**	mΩ	**max.**
DC-Widerstand N3 / DC-resistance N3	**@ 20°C**	R_{DC3}	**117.0**	mΩ	**max.**
DC-Widerstand N4 / DC-resistance N4	**@ 20°C**	R_{DC4}	**41.0**	mΩ	**max.**
DC-Widerstand N5 / DC-resistance N5	**@ 20°C**	R_{DC5}	**350.0**	mΩ	**max.**
DC-Widerstand N6 / DC-resistance N6	**@ 20°C**	R_{DC6}	**50.0**	mΩ	**max.**
Sättigungsstrom N2+N5 Saturation current N2+N5	**dL/L=20%**	I_{sat}	**3.75**	A	**typ.**
Streuinduktivität N2+N5/ leakage inductance N2+N5	**50 kHz / 0,1V rest shorted**	L_s	**7.0**	µH	**max.**
Prüfspannung / Insulation test voltage	**3mA, 1s N2,N3,N5 => N1,N4,N6**	U_T	**4.0**	kV	
Prüfspannung / Insulation test voltage	**3mA, 1s N2,N5=>N3; all windings =>core**	U_T	**1.5**	kV	

C Bohrbild / hole pattern :



for wave soldering a solder protection is recommended

D Prüfgeräte / test equipment :

AT3600 für / for L, L_s, R, n und / and U_T

Wayne Kerr 3260B für / for I_{sat}

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-F 155°C / TIW
Kontaktmaterial / contact plating:	Cu-Ni-Sn
Tränklack / Varnish:	Dolph BC346-A or equiv.

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - + 125°C
Umgebungstemp. / ambient temperature: -40°C - + 75°C
It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.
Schaltfrequenz / Switching frequency: 130 kHz
Bauteil für Netzanwendung / Off-line transformer

Freigabe erteilt / general release:

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

Name	Änderung / modification	Datum / date
TBr	Revision 01	2011-05-31
TBr	Revision 00	2011-01-26

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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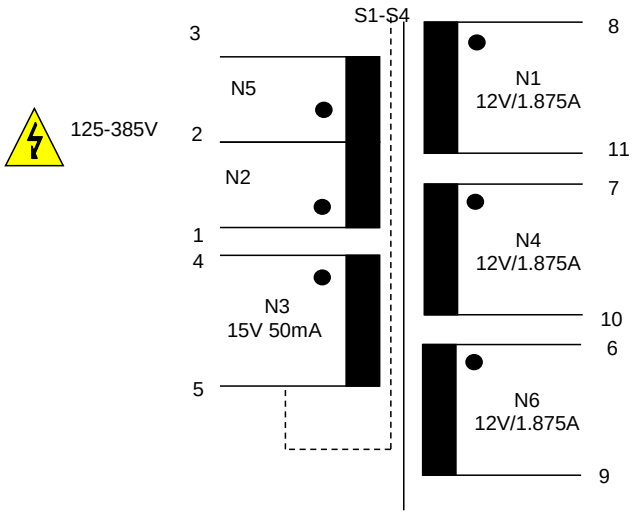
H Schaltbild / Schematics



Designed to comply with the following requirement of EN/IEC61558-2-16:
Reinforced insulation for a working voltage of 250Vrms

Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
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