

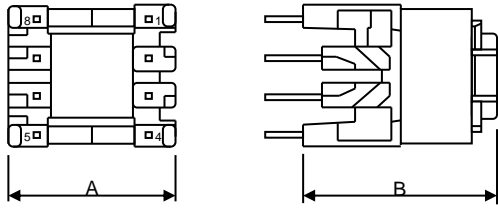
Spezifikation für Freigabe / specification for release

Kunde / customer : Preliminary
 Artikelnummer / part number : **760871038**
 Bezeichnung : **Netzteil-Übertrager WE-UNIT**
 description : **Off-line transformer WE-UNIT**



DATUM / DATE : 2010-01-08

A Mechanische Abmessungen / dimensions :



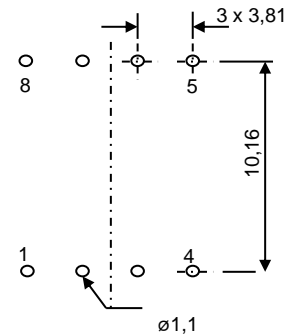
	EE13/6/6	
A	15.75 max.	mm
B	18.50 max.	mm
C	15.00 max.	mm
D		mm
E		mm

● = Marking Pin 1

B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / inductance	10 kHz / 0,1 V	L_0	1.85	mH	±10%
Windungszahlverhältnis / turns ratio	N1:N2:N3	TR	5.76:1:1.18		±3%
DC-Widerstand N1 / DC-resistance N1	@ 20°C	R_{DC1}	4.6	Ω	max.
DC-Widerstand N2 / DC-resistance N2	@ 20°C	R_{DC2}	110.0	m Ω	max.
DC-Widerstand N3 / DC-resistance N3	@ 20°C	R_{DC3}	650.0	m Ω	max.
Sättigungsstrom N1 / saturation current N1	dL/L=20%	I_{sat}	230.0	mA	typ.
Streuinduktivität / leakage inductance	100 kHz / 0,1V short N2	L_s	20.0	μ H	typ.
Hochspannung / hipot test	3mA, 1s N1, N3 => N2	HV	4.5	kV	

C Lötpad / soldering spec. :



D Prüfgeräte / test equipment :

WK3260B für / for L und / and R

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: TBr
 Kontaktmaterial / contact plating: Cu-Ni-Sn
 Tränklack / Varnish: V1630FS or equiv.

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.
 Schaltfrequenz / Switching frequency: 100 kHz
 Bauteil für Netzanwendung / Off-line transformer

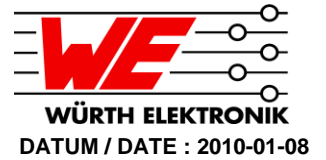
Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
			TBr	Revision 01 2010-01-08
			TBr	Revision 00 2009-11-13
Geprüft / checked	Kontrolliert / approved		Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co.KG

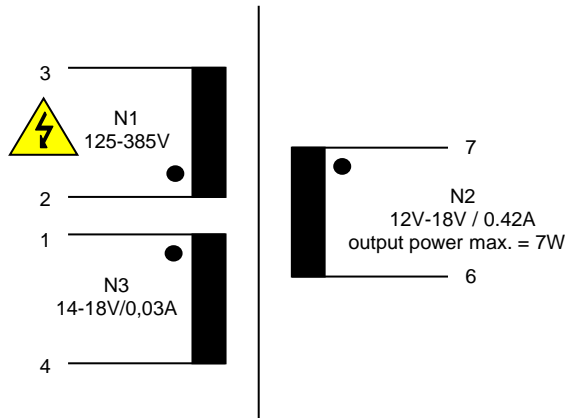
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H Schaltbild / Schematics



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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.

Würth Elektronik eiSos GmbH & Co.KG

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