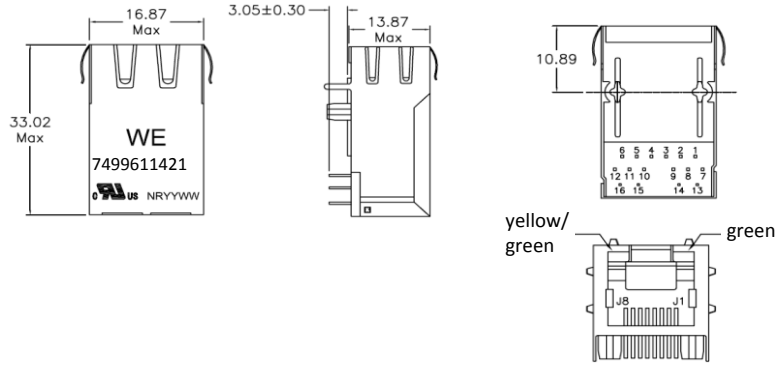
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7499611421**

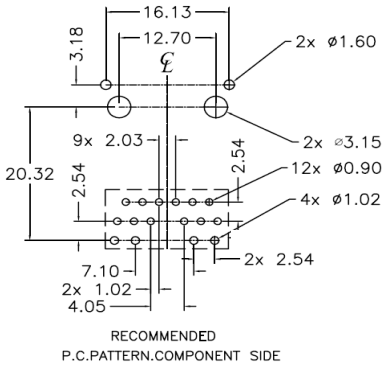
Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100/1000/10G BaseT**
description : **LAN-Transformer WE-RJ45LAN 10/100/1000/10G BaseT**

DATUM / DATE : 2011-12-06

A Mechanische Abmessungen / dimensions :

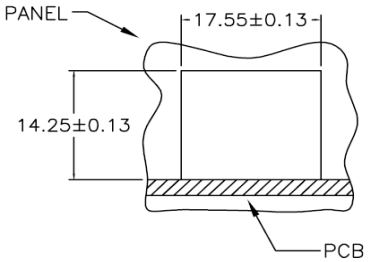


B Lötpad / soldering spec. :



C Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	**100kHz / 100mV @ 8mA DC-Bias**	OCL	**120**	µH	**min.**
Übersetzungsverhältnis / Turns ratio	**100kHz / 100mV**	TR	**1 : 1**	Tx	**3%**
			1 : 1	Rx	
Insertion Loss	**1-100MHz**	IL	**-2**	dB	**max.**
	100-400MHz		**-3**		
Return Loss	**1-100MHz @ 100Ω**	RL	**-13**	dB	**min.**
	100-200MHz @ 100Ω		**-10**		
	200-400MHz @ 100Ω		**-7**		
	400-500MHz @ 100Ω		**-6**		
Differential to Common Mode Rejection	**1-250MHz**	DCMR	**-30**	dB	**min.**
	250-500MHz		**-22**		
Crosstalk	**1-100MHz**	CT	**-28**	dB	**min.**
	100-500MHz		**-19**		



D Prüfgeräte / test equipment :

HP4395A

E Testbedingungen / test conditions :

Luftfeuchtigkeit / humidity:	33%
Umgebungstemperatur / temperature:	+25°C

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material:	Ferrit/ ferrite
Draht / wire:	UEW/ Y155
Kontaktmaterial/ contact plating:	100% tin w. nickel underpalting 30µ"gold plating on contact area
Gehäuse / housing	Thermoplastic UL-94V0
LED	1,8-2,8 V/ 12mA
Shield	50µ" nickel over 0.01" cooper alloy

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: 0°C - + 70°C
Hochspannungsprüfung / Hipot test: 1500Vrms 1min.
Geeignet für 10G BaseT-Anwendungen gemäß IEEE 802.3an /
Compliant with IEEE 802.3an for 10G BaseT

Freigabe erteilt / general release:	**Kunde / customer**
Datum / date	Unterschrift / signature
	Würth Elektronik
Geprüft / checked	Kontrolliert / approved

Mle	Revision 00	2011-12-06
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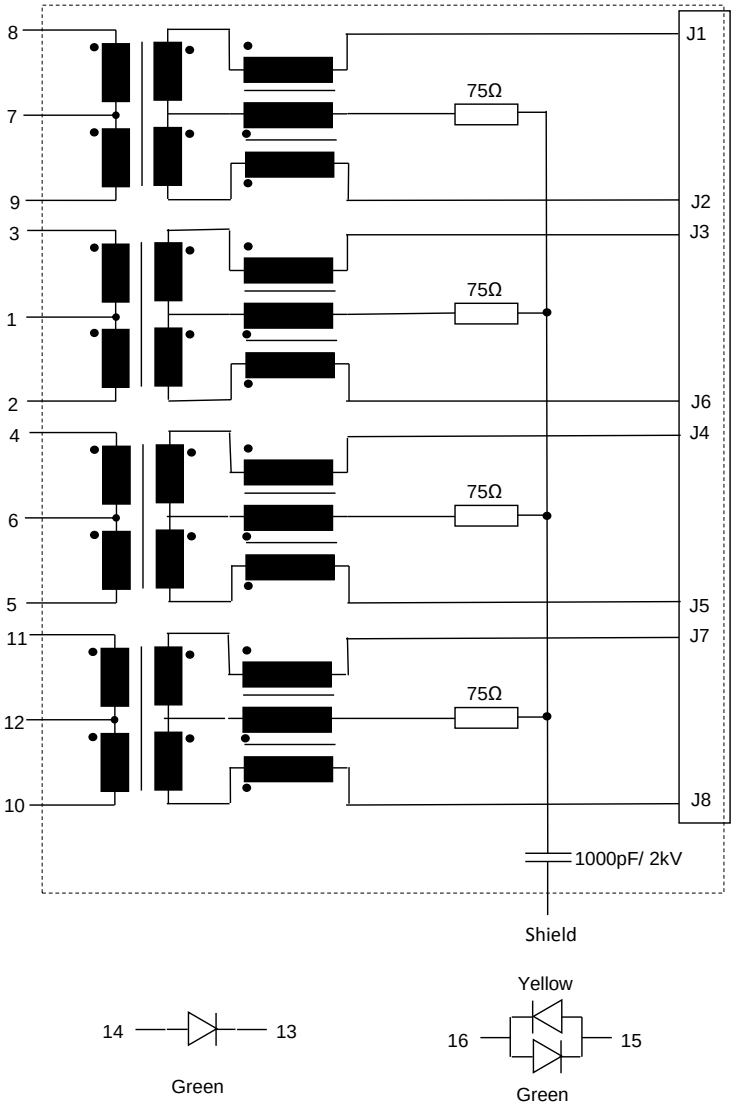
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description : **LAN-Transformer WE-RJ45LAN 10/100/1000/10G BaseT**

DATUM / DATE : 2011-12-06

H Schaltbild / Schematics :



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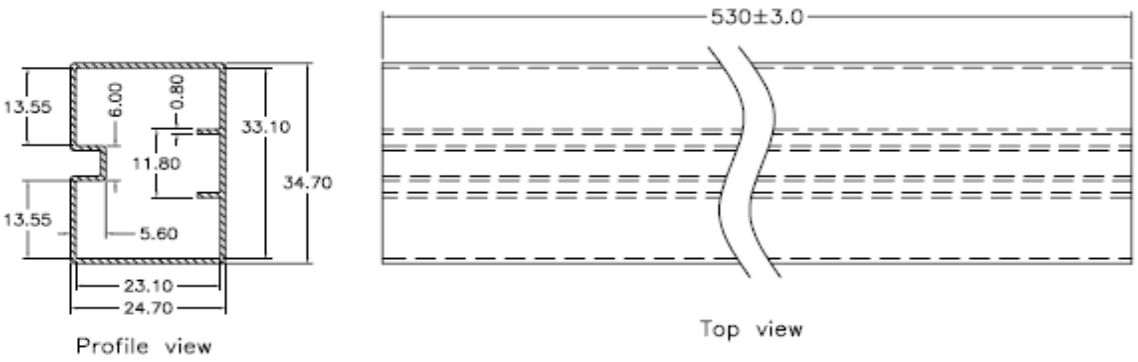
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description : **LAN-Transformer WE-RJ45LAN 10/100/1000/10G BaseT**

DATUM / DATE : 2011-12-06

I Verpackungsspezifikation / package specification :

PACKAGING(Tube)

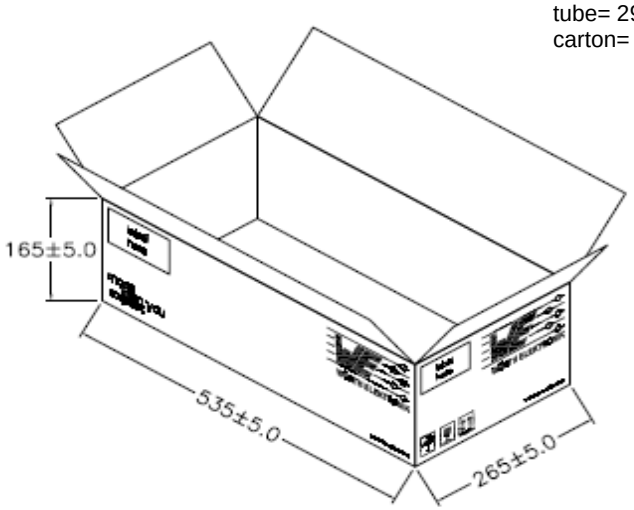
Tube



Carton

Package Quantity:

tube= 29pcs
carton= 1740pcs



dimensions in mm

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	Würth Elektronik			
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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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7443633300 665102131822 687640141002 71206415 744052002 744393665015 784773147 830032817
560112110239 620307124022 687750225002 860080275016 865080457015 865230657014
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