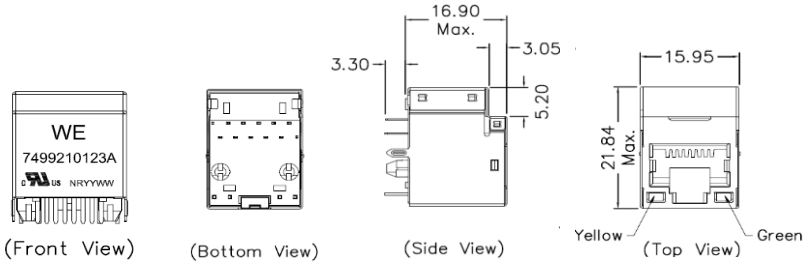
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7499210123A**

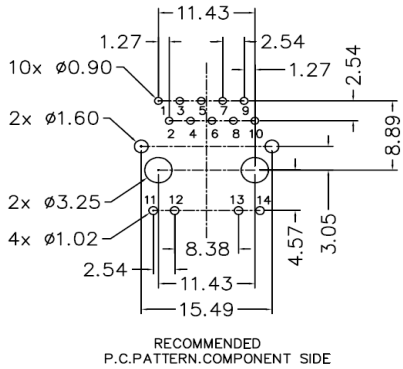
Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT PoE**
description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

DATUM / DATE : 2015-04-16

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	**350**	µH	**min.**
Übersetzungsverhältnis / Turns ratio	**100kHz / 100mV**	TR	**1 : 1**	Tx	**3%**
			1 : 1	Rx	
Insertion Loss	**1-100MHz**	IL	**-1,0**	dB	**max.**
Return Loss	**1-30MHz @ 100Ω**	RL	**-18**	dB	**min.**
	30-45MHz @ 100Ω		**-16**		
	45-60MHz @ 100Ω		**-14**		
	60-80MHz @ 100Ω		**-12**		
Common Mode Rejection	**1-100MHz**	CMR	**-35**	dB	**min.**
Crosstalk	**1-100MHz**	CT	**-35**	dB	**min.**

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/Y 180°C
Kontaktmaterial/ contact plating:	100% tin w. nickel underpalting 15µ"gold plating on contact area
Gehäuse / housing	Thermoplastic UL-94V0
LED	1,8-2,8 V/ 20mA
Shield	50µ" nickel over 0.01" cooper alloy

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - + 85°C
Hochspannungsprüfung / Hipot test: 1500Vrms 1min.
Stromtragfähigkeit / Current capability: 350mA
Geeignet für PoE-Anwendungen gemäß IEEE 802.3af /
Compliant with IEEE 802.3af for PoE-Applications

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

JaB	Revision 01	2015-04-16
Name	**Änderung / modification**	Datum / date

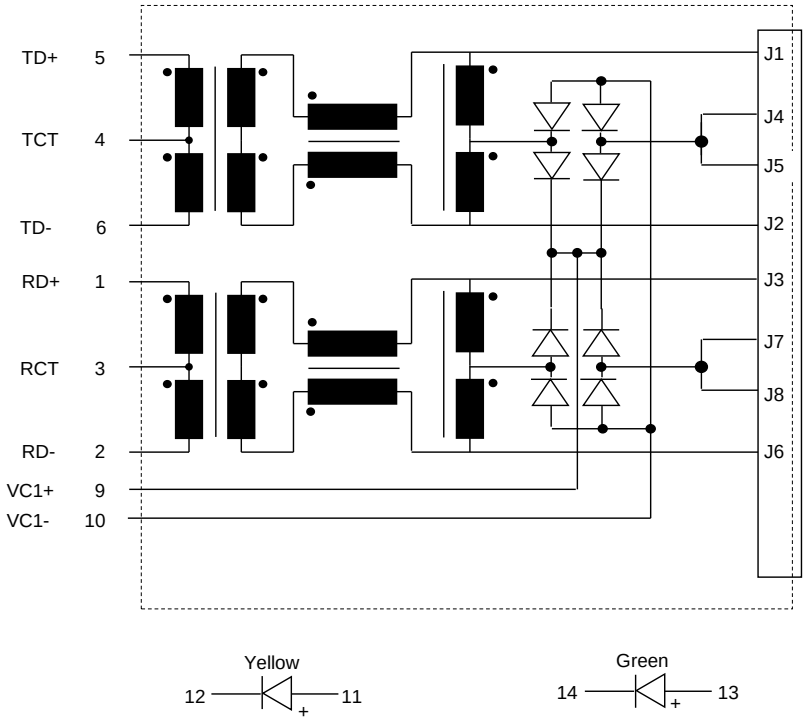
Würth Elektronik eiSos GmbH & Co.KG
D-74638 Waldenburg · Max-Eyth-Straße 1 - 3 · Germany · Telefon (+49) (0) 7942 - 945 - 0 · Telefax (+49) (0) 7942 - 945 - 400
http://www.we-online.com

Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7499210123A**
Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT PoE**
description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

DATUM / DATE : 2015-04-16

H Schaltbild / Schematics :



Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
		JaB	Revision 01	2015-04-16
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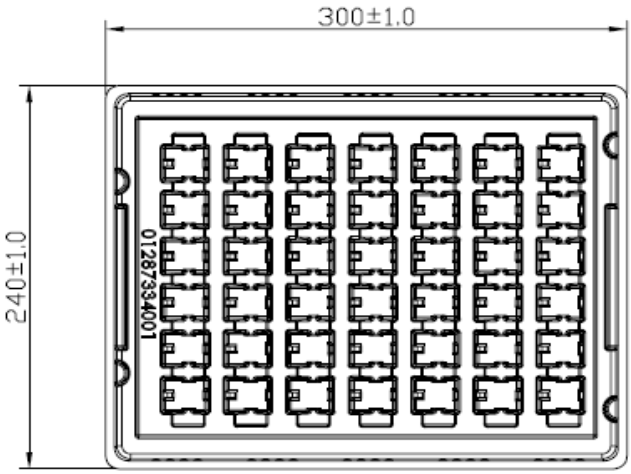
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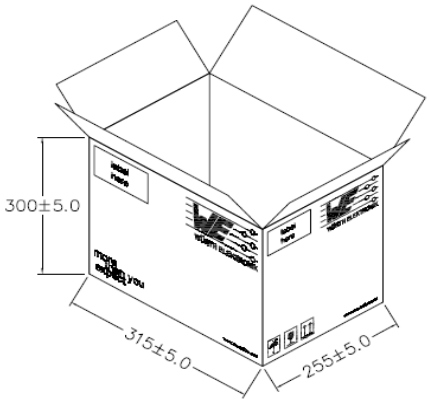
I Verpackungsspezifikation / package specification :

PACKAGING(Tray)

Tray



Carton



Packing Quantity:

tray = 42 pcs
carton= 504 pcs

dimensions in mm

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Datum / date	Unterschrift / signature			
	Würth Elektronik			
		JaB	Revision 01	2015-04-16
Geprüft / checked	Kontrolliert / approved	Name	**Änderung / modification**	Datum / date

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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