Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7499211125**

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

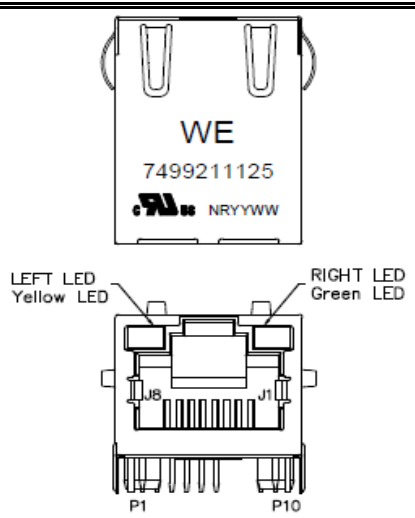
description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

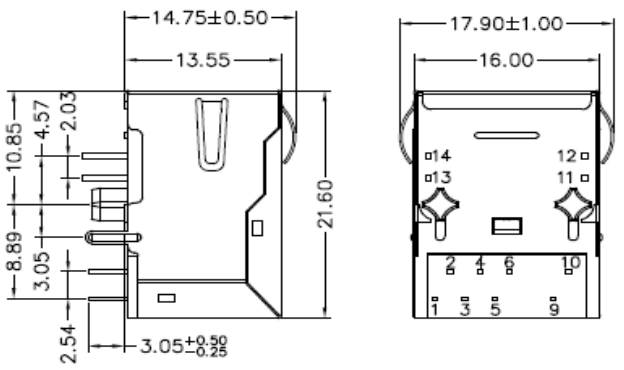
compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2020-11-27

A Mechanische Abmessungen / dimensions :

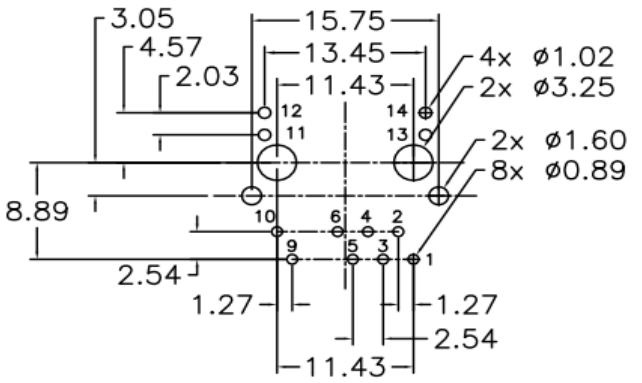




dimensions in mm

unless otherwise specified tolerance: 0.25 mm

B Lötpad / soldering spec. :



RECOMMENDED
P.C.PATTERN.COMPONENT SIDE

Remark:
1.Remove Pin#7, Pin#8

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	**-1,7**	dB	**max.**
Return Loss	**1-30MHz @ 100Ω**	RL	**-18**	dB	**min.**
	30-45MHz @ 100Ω		**-13,5**		
	45-60MHz @ 100Ω		**-12**		
	60-80MHz @ 100Ω		**-10**		
Common Mode Rejection	**1-100MHz**	CMR	**-30**	dB	**min.**
Crosstalk	**1-100MHz**	CT	**-30**	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:	0UEW 155°C
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/ 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.

Geeignet für 10/100Base-TX gemäß IEEE 802.3af /
Compliant with IEEE 802.3af for 10/100Base-TX-Applications

Auto MDIX fähig / Auto MDIX capable

Freigabe erteilt / general release:

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

LuRa	Rev 03	2020-11-27
Mle	Rev 02	2016-06-16
Mle	Rev 01	2013-03-25
Mle	Rev 00 (Pre.)	2012-09-15
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

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Spezifikation für Freigabe / specification for release

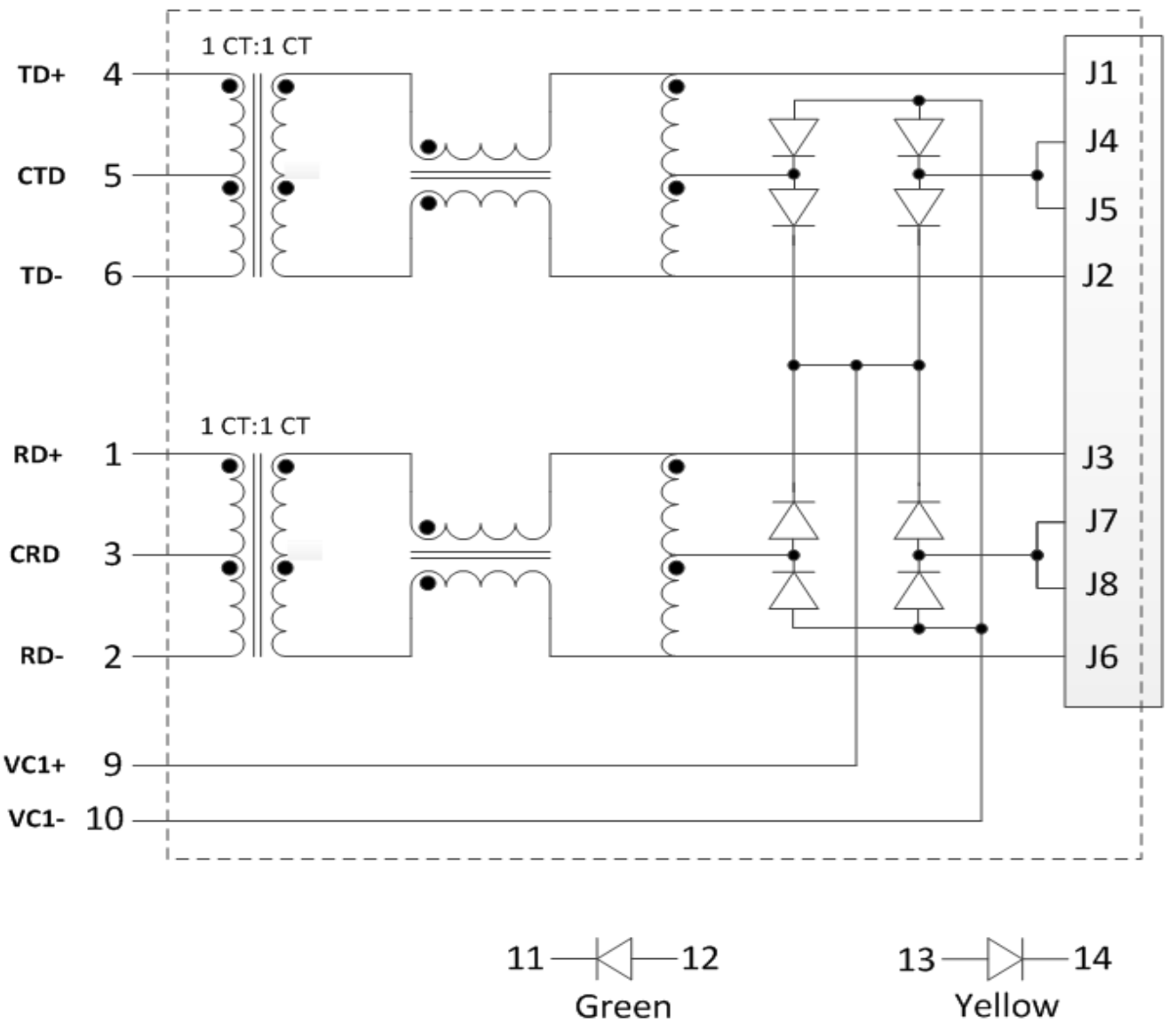
Kunde / customer :
Artikelnummer / part number : **7499211125**
Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT PoE**
description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2020-11-27

H Schaltbild / Schematics :



Freigabe erteilt / general release:	**Kunde / customer**			
.....	.....			
Datum / date	Unterschrift / signature	LuRa	Rev 03	2020-11-27
	Würth Elektronik	Mle	Rev 02	2016-06-16
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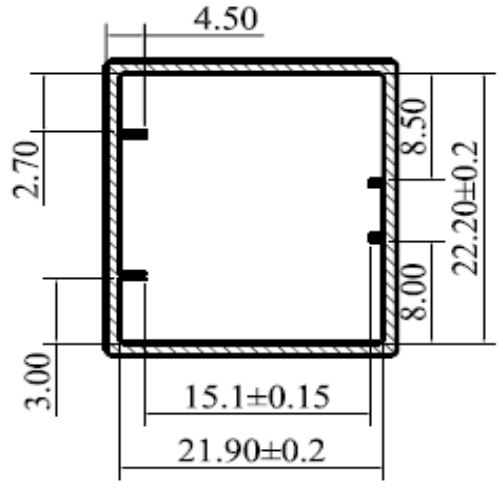
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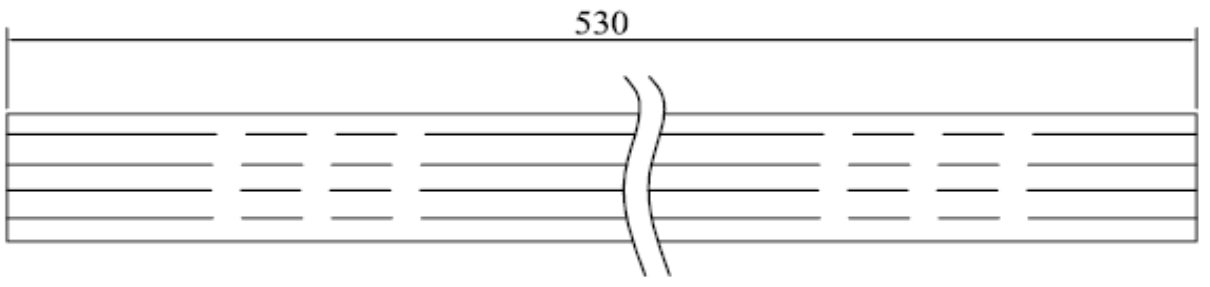
WÜRTH ELEKTRONIK

DATUM / DATE : 2020-11-27

I Verpackungsspezifikation / package specification :

Tube

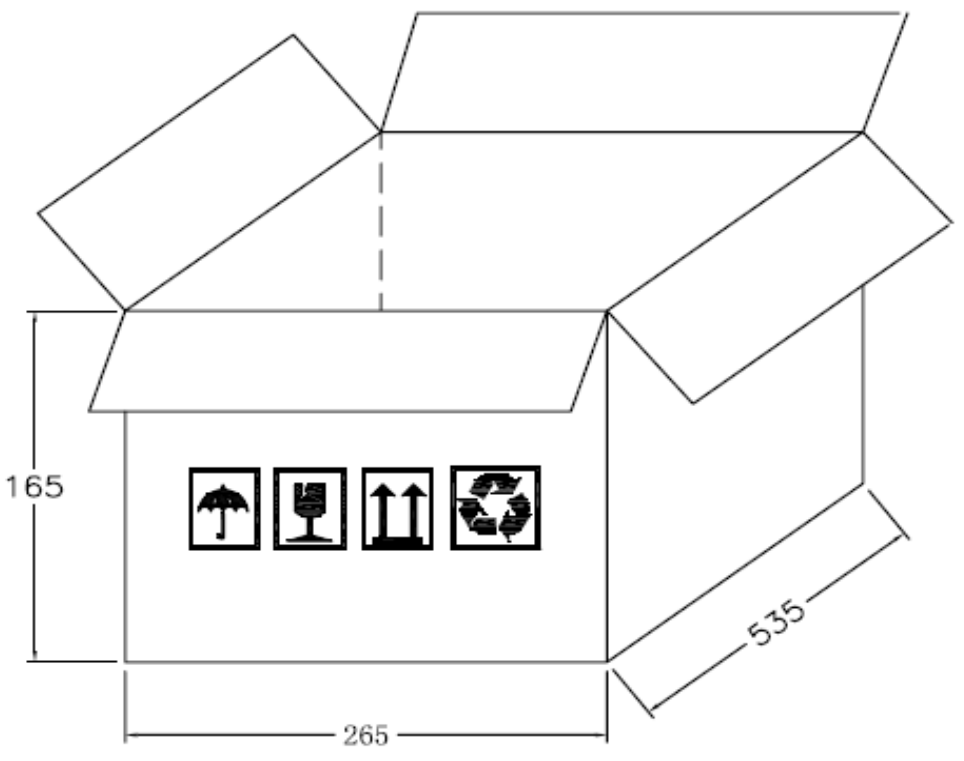




Top view

Profile view

Carton



dimensions in mm

Packing Quantity:

tube= 29pcs
carton= 1740pcs

Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature	LuRa	Rev 03	2020-11-27
	Würth Elektronik	Mle	Rev 02	2016-06-16
		Mle	Rev 01	2013-03-25
		Mle	Rev 00 (Pre.)	2012-09-15
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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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