WINSOURCE ELECTRONICS

THE DATASHEET OF

7499111447

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : **7499111447**

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

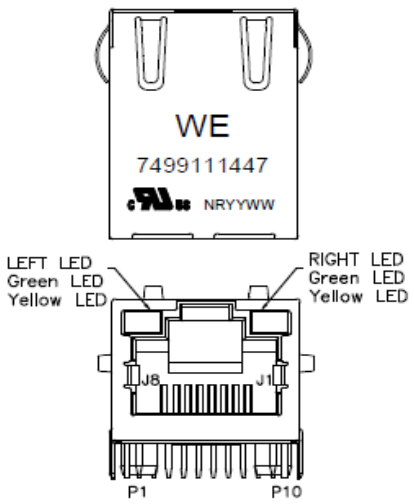
description : **LAN-Transformer WE-RJ45LAN 10/100/1000 BaseT**

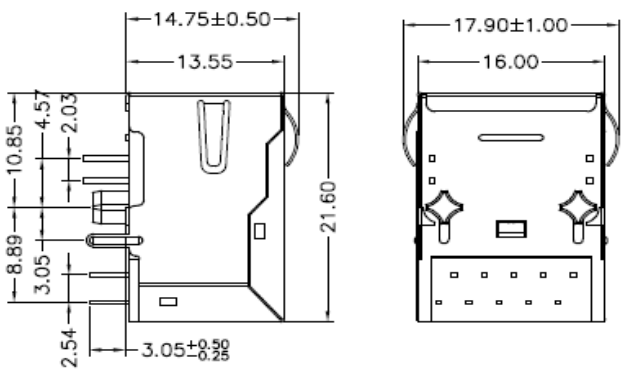
compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2020-12-28

A Mechanische Abmessungen / dimensions :

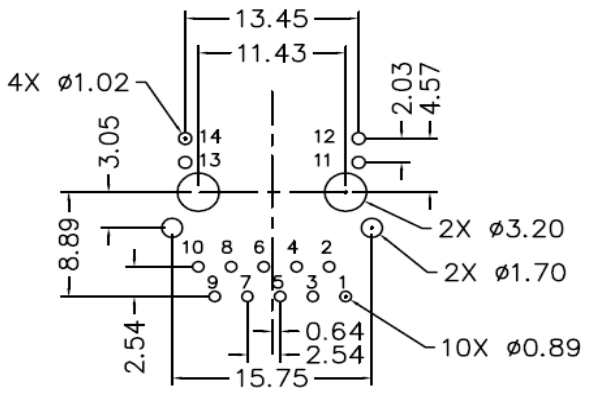




dimensions in mm

unless otherwise specified tolerance: 0.25 mm

B Lötpad / soldering spec. :



RECOMMENDED
P.C.PATTERN.COMPONENT SIDE

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.**
	30-60MHz @ 100Ω		**-14**		
	60-80MHz @ 100Ω		**-12**		
	80-100MHz @ 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:	4UEW 180°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/ 12mA
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 1000BaseT-Anwendungen gemäß IEEE 802.3ab /

Compliant with IEEE 802.3ab for 1000BaseT

UL File: E472316

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

LuRa	Revision 02	2020-12-28
LuRa	Revision 01	2020-11-27
Mle	Revision 00	2011-11-23
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 : **7499111447**

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

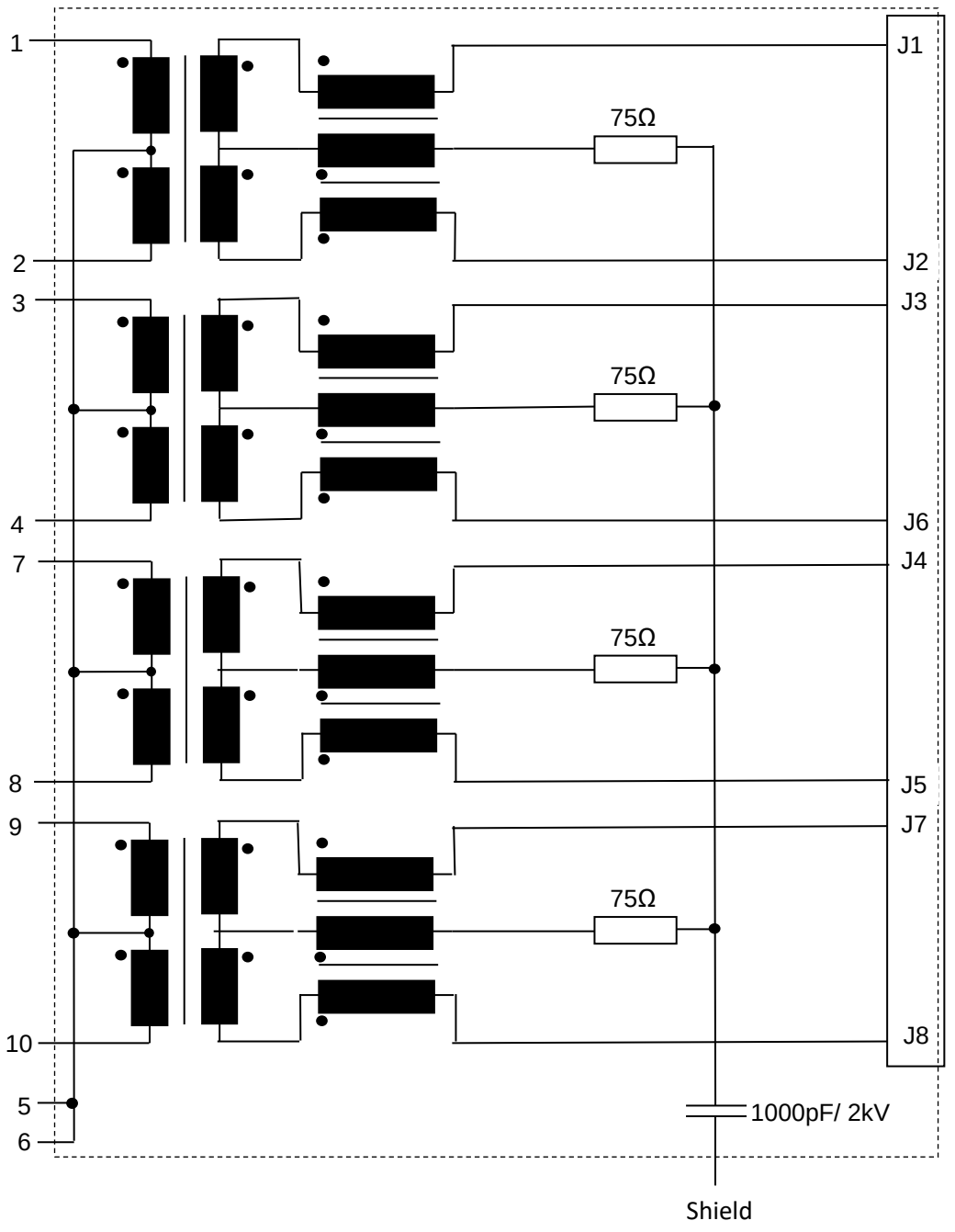
description : **LAN-Transformer WE-RJ45LAN 10/100/1000 BaseT**

compliant RoHS WÜRTH ELEKTRONIK

WÜRTH ELEKTRONIK

DATUM / DATE : 2020-12-28

H Schaltbild / Schematics :



Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik	LuRa	Revision 02	2020-12-28
		LuRa	Revision 01	2020-11-27
		Mle	Revision 00	2011-11-23
Geprüft / checked	Kontrolliert / approved	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 : **7499111447**

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

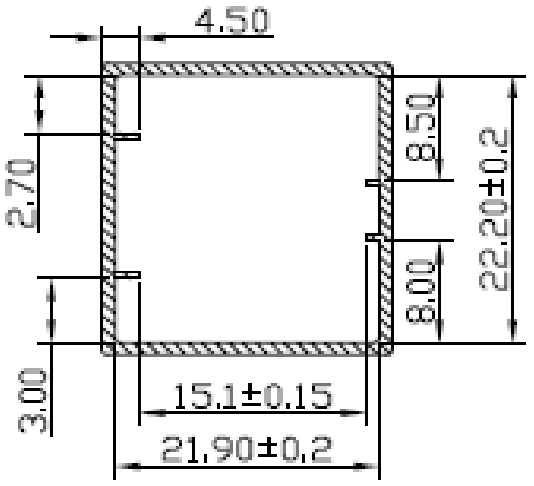
compliant RoHS WÜRTH ELEKTRONIK

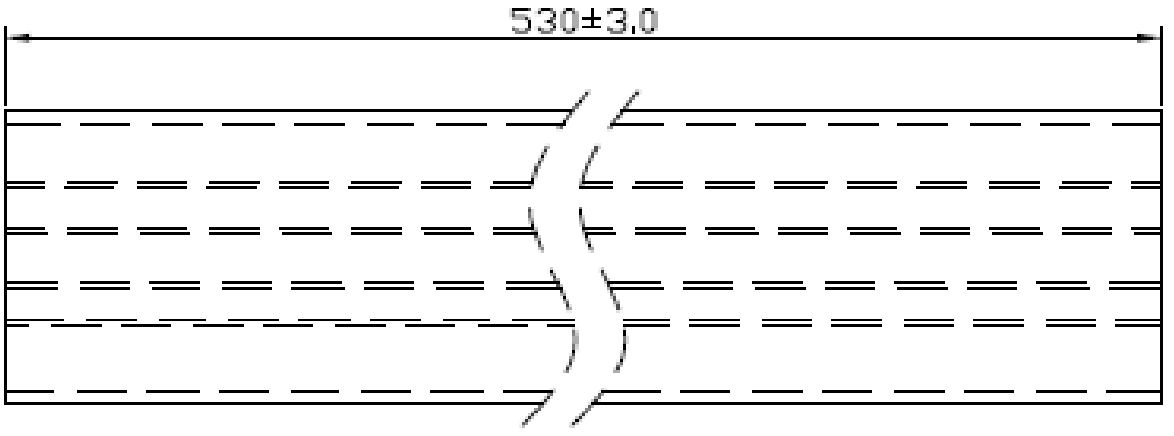
WÜRTH ELEKTRONIK

DATUM / DATE : 2020-12-28

I Verpackungsspezifikation / package specification :

Tube

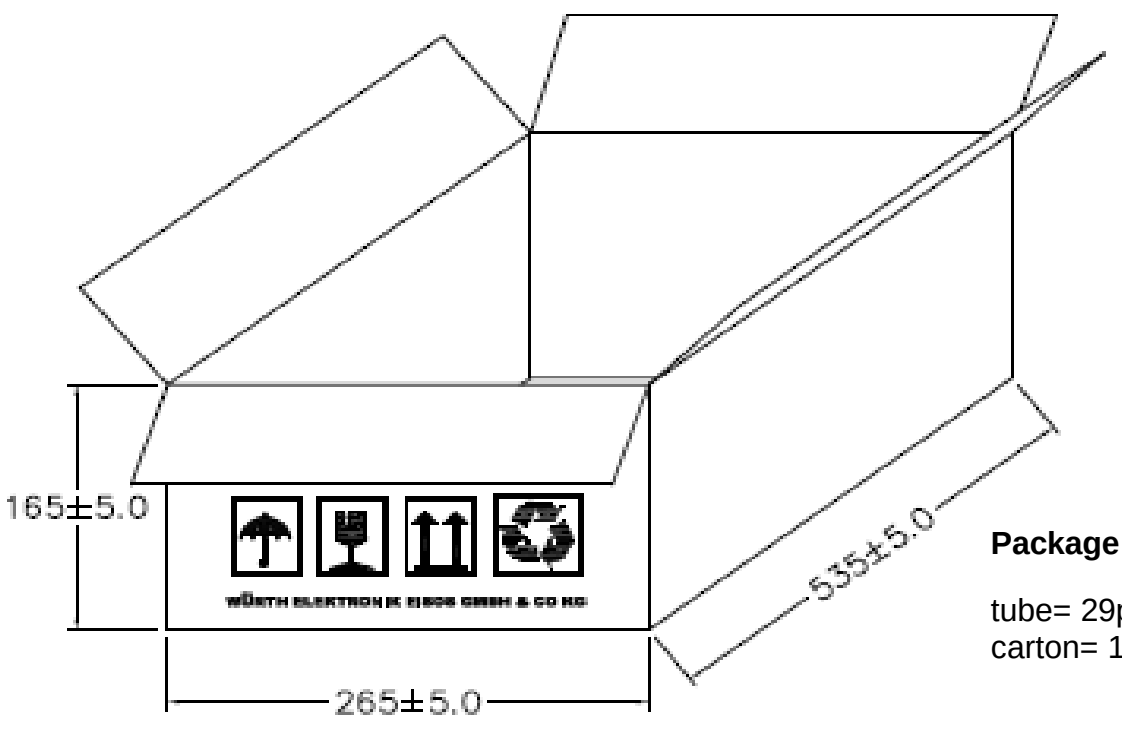




Top view

Profile view

Carton



Package Quantity:

tube= 29pcs
carton= 1740pcs

dimensions in mm

Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik	LuRa	Revision 02	2020-12-28
		LuRa	Revision 01	2020-11-27
		Mle	Revision 00	2011-11-23
Geprüft / checked	Kontrolliert / approved	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

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- View 7499111447 on WIN SOURCE
- Wurth Electronics Inc Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- Global Sourcing Solution
- Obsolete Management
- Cost Control Management
- Shortage Management
- Alternative Solution
- Excess Inventory Management