Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 7499011121A

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

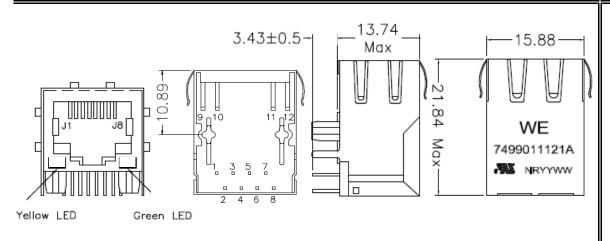


B Lötpad / soldering spec.:



DATUM / DATE : 2020-12-28

A Mechanische Abmessungen / dimensions :



dimensions in mm

15.49 - 11.43 -8.18 4x Ø1.02 2x Ø3.25 ∞ 2x Ø1.60 8x Ø0.90 2.54 8.89-RECOMMENDED

P.C.PATTERN.COMPONENT SIDE All dimension tolerance are ± 0.08 unless otherwise specified

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	4001-11- / 400/	TD	1:1	Tx	±2%	
/ Turns ratio	100kHz / 100mV	TR	1:1	Rx		
Insertion Loss	1-100MHz	IL	-1,0	dB	max.	
Return Loss	1-10MHz @ 100Ω		-18	dB	min.	
	10-30MHz @ 100Ω	RL	-14			
Retuin Loss	30-60MHz @ 100Ω		-12			
	60-80MHz @ 100Ω		-10			
Common Mode Rejection	1-100MHz	CMR	-30	dB	min.	
Crosstalk	1-100MHz	СТ	-30	dB	min.	

E Testbedingungen / test conditions: D Prüfgeräte / test equipment : **HP4395A** Luftfeuchtigkeit / humidity: 33% +25°C Umgebungstemperatur / temperature:

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / base material: Ferrit/ ferrite Draht / wire: UEW/Y 155°C

100% tin w. nickel underpalting Kontaktmaterial/ contact plating: 30µ"gold plating on contact area

Gehäuse / housing Thermoplastic UL-94V0

LED 1,8-2,8 V/ 20mA 50µ" nickel Shield over 0.01" copper alloy

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - +85°C Hochspannungsprüfung / Hipot test: 2250VDC 1min. Geeignet für 10/100Base-TX gemäß IEEE 802.3u /

Compliant with IEEE 802.3u for 10/100Base-TX-Applications

Auto MDIX fähig / Auto MDIX capable

UL File: E472316

Freigabe erteilt / general release:	Kunde / customer			
		LuRa	Revision 04	2020-12-28
Datum / date	Unterschrift / signature	Mle	Revision 03	2017-08-09
	Würth Elektronik	JaB	Revision 02	2015-05-20
		Mle	Revision 01	2011-10-20
		KSC	Revision 00	2010-08-04
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

Kunde / customer :

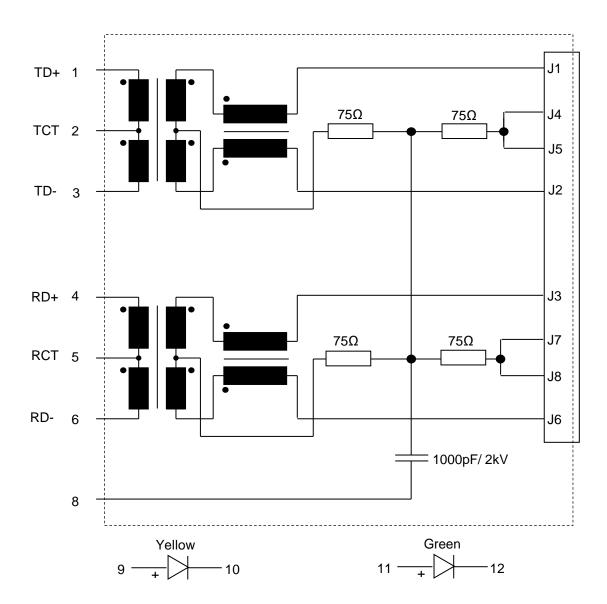
7499011121A Artikelnummer / part number : LAN-Übertrager WE-RJ45LAN 10/100BaseT



DATUM / DATE : 2020-12-28

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

H Schaltbild / Schematics:



Freigabe erteilt / general release:	Kunde / customer			
		LuRa	Revision 04	2020-12-28
		Luka	Revision 04	2020-12-26
Datum / date	Unterschrift / signature	Mle	Revision 03	2017-08-09
	Würth Elektronik	JaB	Revision 02	2015-05-20
•		Mle	Revision 01	2011-10-20
		KSC	Revision 00	2010-08-04
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number : 7499011121A

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

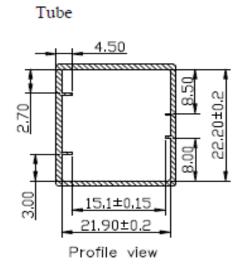


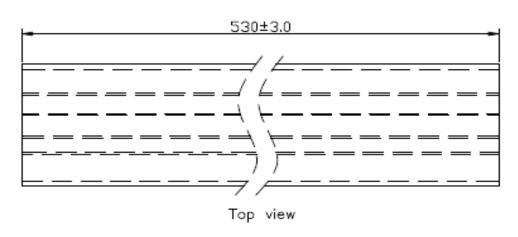


DATUM / DATE : 2020-12-28

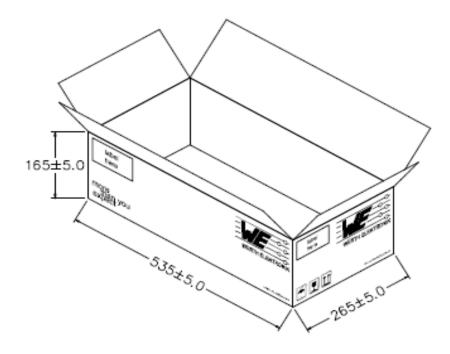
I Verpackungsspezifikation / package specification :

PACKAGING(Tube)





Carton



PACKAGING QUANTITY: 29pcs Finished Goods / Tube 60 Tube (1740pcs Finished Goods) / Carton

dimensions in mm

Freigabe erteilt / general release:	Kunde / customer			
		LuRa	Revision 04	2020-12-28
Datum / date	Unterschrift / signature	Mle	Revision 03	2017-08-09
	Würth Elektronik	JaB	Revision 02	2015-05-20
		Mle	Revision 01	2011-10-20
		KSC	Revision 00	2010-08-04
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.

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