

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Wurth Electronics Inc](#)
[7499011002](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

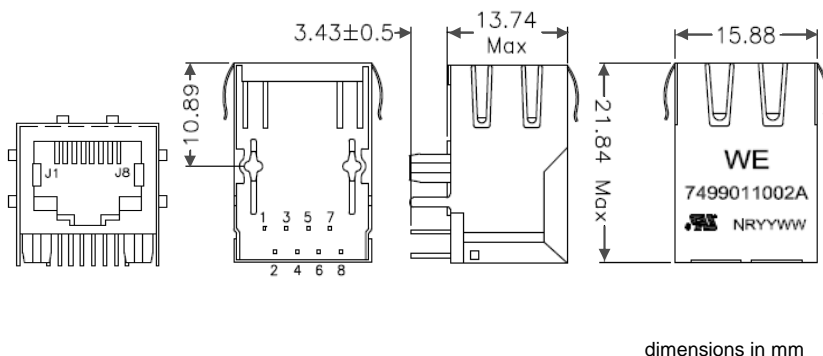
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **7499011002A**
 Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT**
 description : **LAN-Transformer WE-RJ45LAN 10/100BaseT**

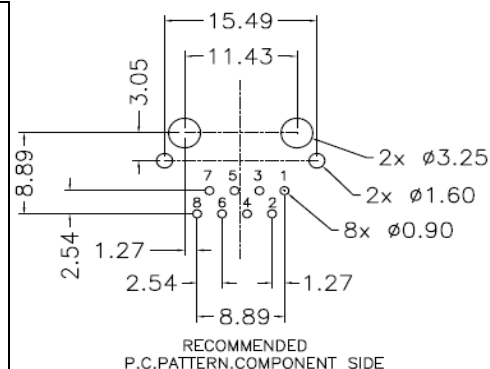


DATUM / DATE : 2011-11-15

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	1-10MHz @ 100Ω	RL	-18	dB	min.
	10-30MHz @ 100Ω		-16		
	30-60MHz @ 100Ω		-12		
	60-80MHz @ 100Ω		-10		
Common Mode Rejection	1-100MHz	CMR	-30	dB	min.
Crosstalk	1-30MHz	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: n/a
 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 10/100Base-TX gemäß IEEE 802.3u /
 Compliant with IEEE 802.3u for 10/100Base-TX-Applications
 Auto MDIX fähig / Auto MDIX capable

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
		Mle	Rev 01
		KSC	Rev 00
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification
			Datum / date

Würth Elektronik eiSos GmbH & Co.KG

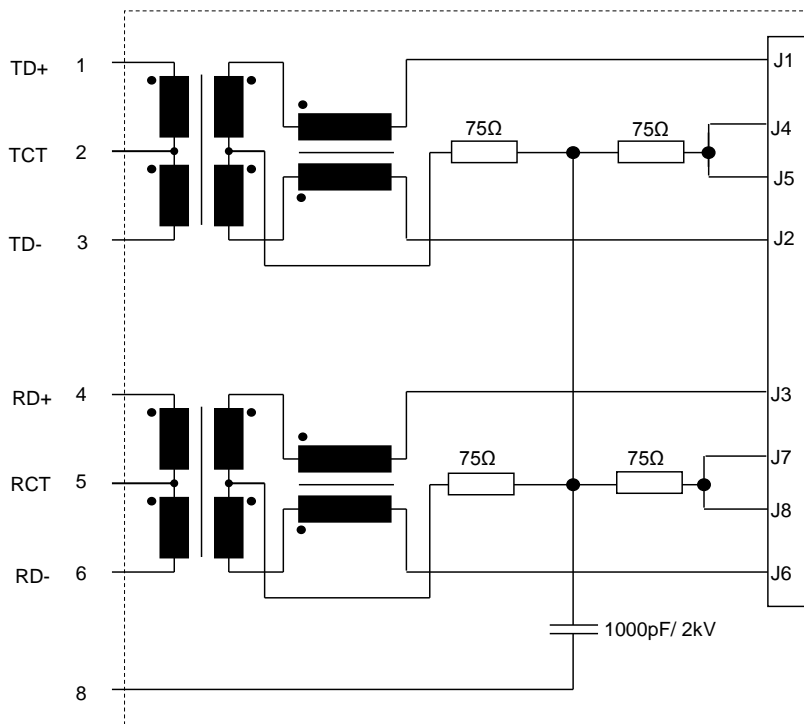
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **7499011002A**
 Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT**
 description : **LAN-Transformer WE-RJ45LAN 10/100BaseT**



DATUM / DATE : 2011-11-15

H Schaltbild / Schematics :



Freigabe erteilt / general release:	Kunde / customer		
.....		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
.....	Mle	Rev 01 2011-11-15
Geprüft / checked	Kontrolliert / approved	KSC	Rev 00 2009-07-15
		Name	Änderung / modification Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

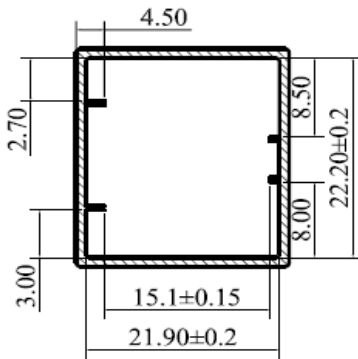
Kunde / customer :
 Artikelnummer / part number : **7499011002A**
 Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT**
 description : **LAN-Transformer WE-RJ45LAN 10/100BaseT**



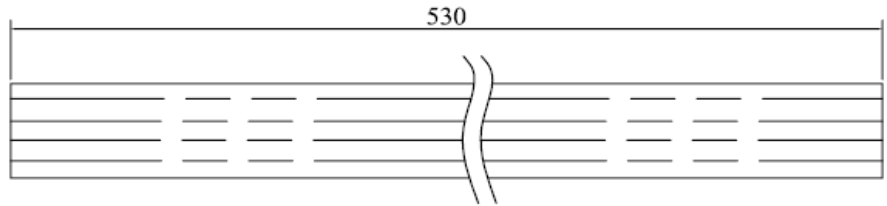
DATUM / DATE : 2011-11-15

I Verpackungsspezifikation / package specification :

Tube

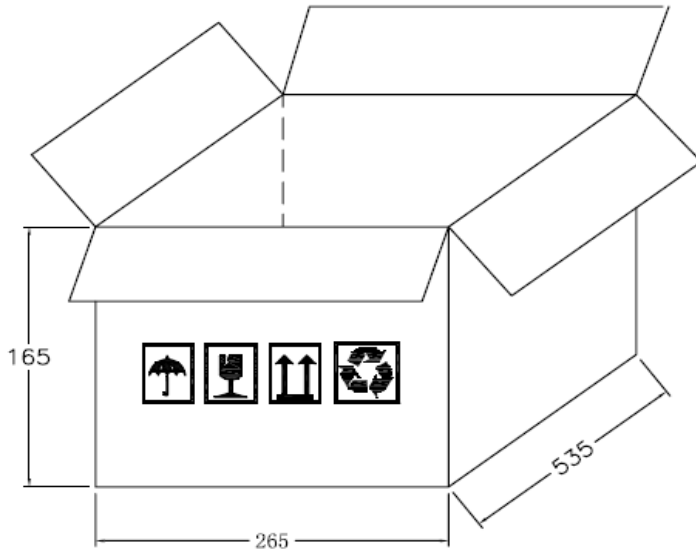


Profile view



Top view

Carton



Packing Quantity:

tube= 29pcs
 carton= 1740pcs

dimensions in mm

Freigabe erteilt / general release:	Kunde / customer		
Datum / date	Unterschrift / signature		
	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved	Mle	Rev 01 2011-11-15
		KSC	Rev 00 2009-07-15
		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