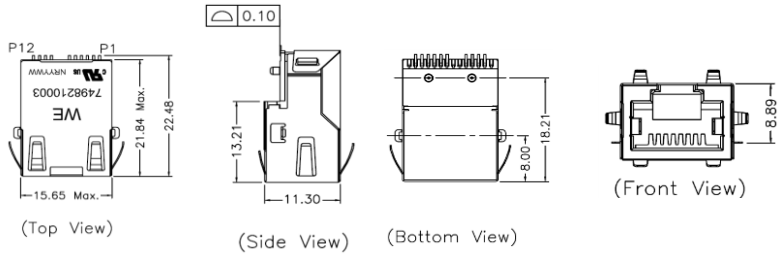
Spezifikation für Freigabe / specification for release

Kunde / customer :
Artikelnummer / part number : **7498210003**

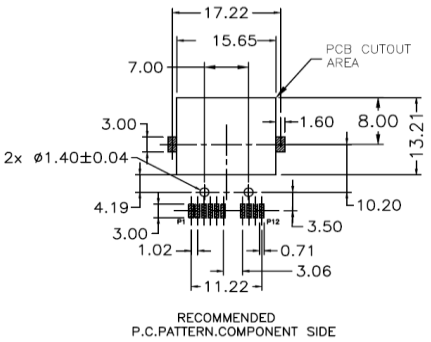
Bezeichnung : **LAN-Übertrager WE-RJ45LAN 10/100BaseT PoE**
description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

DATUM / DATE : 2015-11-04

A Mechanische Abmessungen / dimensions :

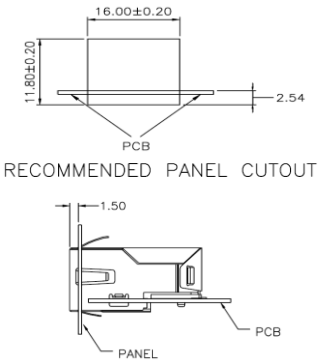


B Lötpad / soldering spec. :



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.**
	30-60MHz @ 100Ω		**-14**		
	60-80MHz @ 100Ω		**-12**		
	80-100MHz @ 100Ω		**-10**		
Common Mode Rejection	**1-30MHz**	CMR	**-40**	dB	**min.**
	30-60MHz		**-37**		
	60-100MHz		**-35**		
Crosstalk	**1-60MHz**	CT	**-32**	dB	**min.**
	60-100MHz		**-30**		



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 30µ"gold plating on contact area
Gehäuse / housing	Thermoplastic UL94V-0
LED	n/a
Shield	50µ" nickel over 0.01" cooper alloy

G Eigenschaften / general specifications :

Betriebstemp. / operating temperature: -40°C - +85°C

Hochspannungsprüfung / Hipot test: 2250Vdc 1min.

Geeignet für 10/100Base-TX gemäß IEEE 802.3af /
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

Name	Änderung / modification	Datum / date
JaB	Revision 01	2015-11-04

Würth Elektronik eiSos GmbH & Co.KG

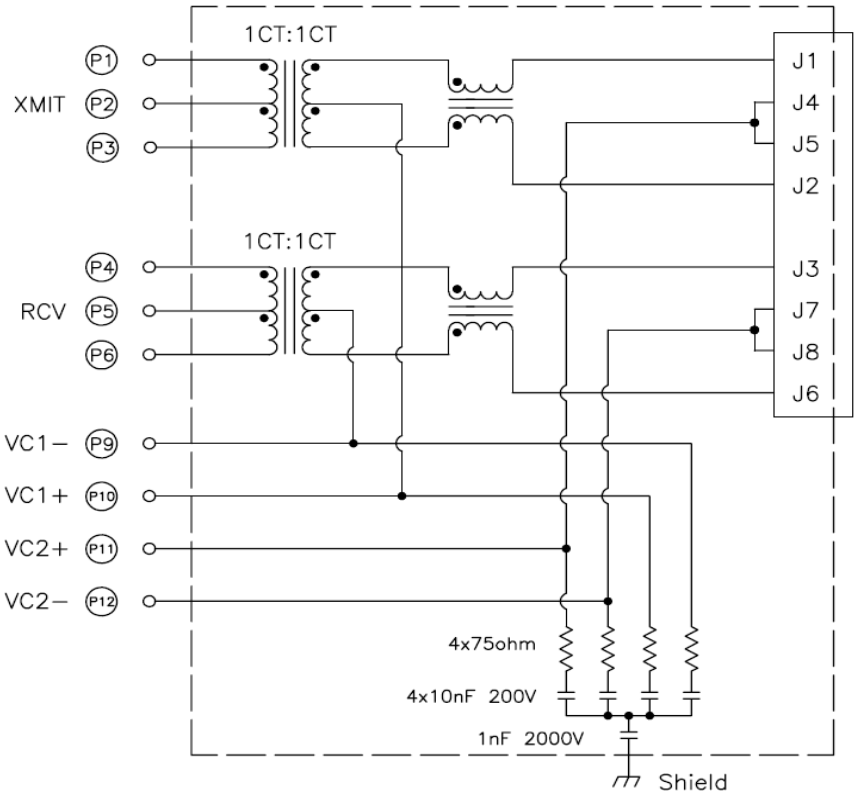
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http://www.we-online.com

Spezifikation für Freigabe / specification for release

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DATUM / DATE : 2015-11-04

H Schaltbild / Schematics :



Freigabe erteilt / general release:	Kunde / customer			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
Geprüft / checked	Kontrolliert / approved	JaB	Revision 01	2015-11-04
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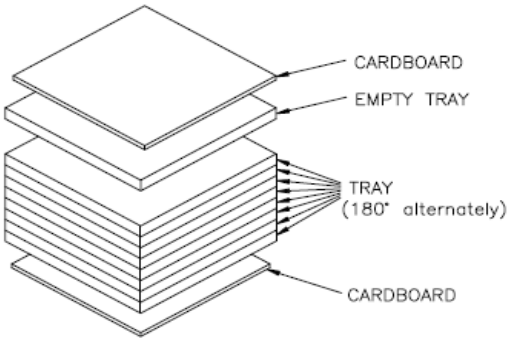
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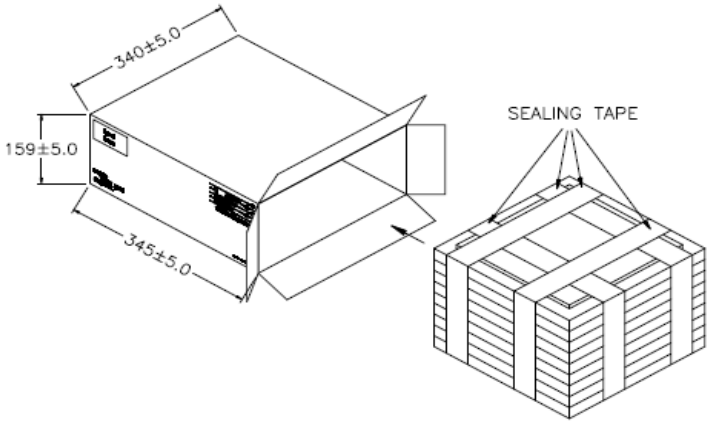
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description : **LAN-Transformer WE-RJ45LAN 10/100BaseT PoE**

DATUM / DATE : 2015-11-04

I Verpackungsspezifikation / package specification :

PACKAGING(Tray)





PACKAGING QUANTITY:
72pcs Finished Goods / Tray
8 Trays (576pcs Finished Goods) / Carton

Freigabe erteilt / general release:	**Kunde / customer**			
Datum / date	Unterschrift / signature			
	Würth Elektronik			
Geprüft / checked	Kontrolliert / approved	JaB	Revision 01	2015-11-04
		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, nudear 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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