Spezifikation für Freigabe / specification for release

Kunde / customer :

Shield

Artikelnummer / part number : 74990111215A

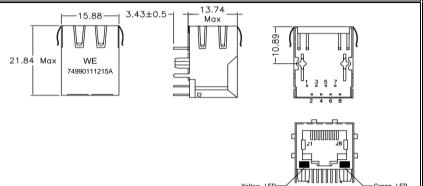
Bezeichnung: LAN-Übertrager WE-RJ45LAN 10/100BaseT description: LAN-Transformer WE-RJ45LAN 10/100BaseT

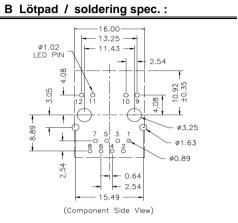




DATUM / DATE : 2012-09-04

A Mechanische Abmessungen / dimensions :





C Elektrische Eigenschaften / electrical properties :

Eigenschaften /	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.	
properties						
Induktivität /	100kHz / 100mV @ 8mA	OCL	350	μH	min.	
Inductance	DC-Bias	OCL	330	μΠ	111111.	
Übersetzungsverhältnis	100kHz / 100mV	TR	1:1	Tx	3%	
/ Turns ratio	TOURHZ / TOUTHY	IK	1:1	Rx		
Insertion Loss	1-100MHz	IL	-1,3	dB	max.	
Return Loss	1-10MHz @ 100Ω		-20			
	10-30MHz @ 100Ω	RL	-16	dB	min.	
	30-60MHz @ 100Ω		-12			
	60-80MHz @ 100Ω		-10			
Common Mode	1-500MHz	CMR	-25	dB	min.	
Rejection	1-300MH2	CIVIR	-25	иь	111111.	
	1-30MHz		-40			
Crosstalk	30-60MHz	CT	-35	dB	min.	
	60-100MHz		-30			

D Prüfgeräte / test equipment : E Testbedingungen / test conditions :

HP4395A Luftfeuchtigkeit / humidity: 33%

Umgebungstemperatur / temperature: +25°C

F Werkstoffe & Zulassungen / material & approvals : G Eigenschaften / general specifications :

50µ" nickel

over 0.01" cooper allov

Basismaterial / base material:

Ferrit/ ferrite

Betriebstemp. / operating temperature: 0°C - +70°C

Draht / wire:

4UEW 180°C

Hochspannungsprüfung / Hipot test: 1500Vrms 1min.

Kontaktmaterial/ contact plating: 100% tin w. nickel underpalting 30µ*gold plating on contact area Geeignet für 10/100Base-TX gemäß IEEE 802.3u / Compliant with IEEE 802.3u for 10/100Base-TX-Applications

Gehäuse / housing
Thermoplastic UL-94V0
LED
Thermoplastic UL-94V0
Auto MDIX fähig / Auto MDIX capable
1,8-2,8 V/ 20mA

Datum / date	Unterschrift / signature			
	Würth Elektronik	Mle	Revision 02	2012-09-04
•		Mle	Revision 01	2012-08-30
		Mle	Revision 00	2011-12-12
Geprüft / checked	Kontrolliert / approved	Name	Änderung / modification	Datum / date

Würth Elektronik eiSos GmbH & Co.KG

Spezifikation für Freigabe / specification for release

Kunde / customer :

description:

74990111215A Artikelnummer / part number : Bezeichnung:

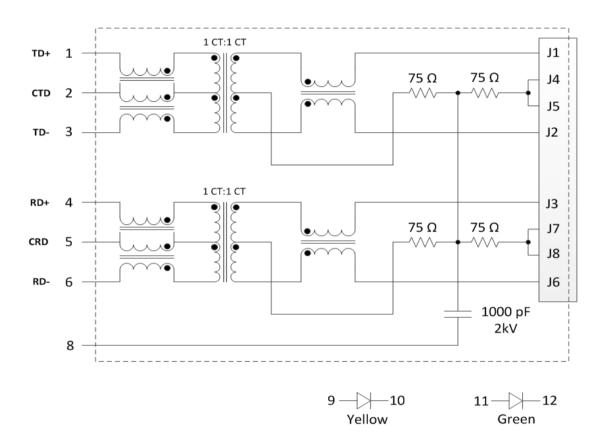
LAN-Übertrager WE-RJ45LAN 10/100BaseT LAN-Transformer WE-RJ45LAN 10/100BaseT





DATUM / DATE : 2012-09-04

H Schaltbild / Schematics :



Freigabe erteilt / general release:	Kunde / customer	0	0	1900-01-00
Datum / date	Unterschrift / signature			
	Würth Elektronik	Mle	Revision 02	2012-09-04
		Mle	Revision 01	2012-08-30
		Mle	Revision 00	2011-12-12
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 : 74990111215A

LAN-Übertrager WE-RJ45LAN 10/100BaseT LAN-Transformer WE-RJ45LAN 10/100BaseT





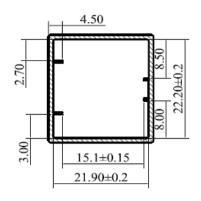
DATUM / DATE : 2012-09-04

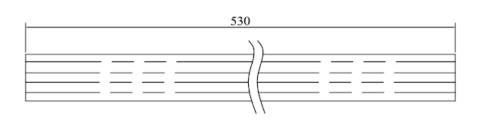
I Rollenspezifikation / tape and reel specification :

Tube

Bezeichnung:

description:

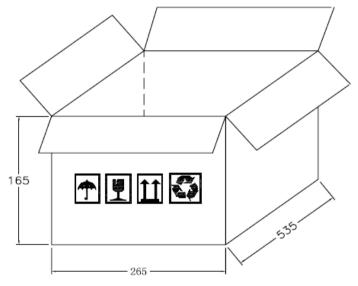




Top view

Profile view

Carton



Package Quantity:

tube= 29pcs carton= 1740pcs

dimensions in mm

Freigabe erteilt / general release:	Kunde / customer	0	0	1900-01-00
Datum / date	Unterschrift / signature			
	Würth Elektronik	Mle	Revision 02	2012-09-04
		Mle	Revision 01	2012-08-30
		Mle	Revision 00	2011-12-12
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 Elektwie iSoS 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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