

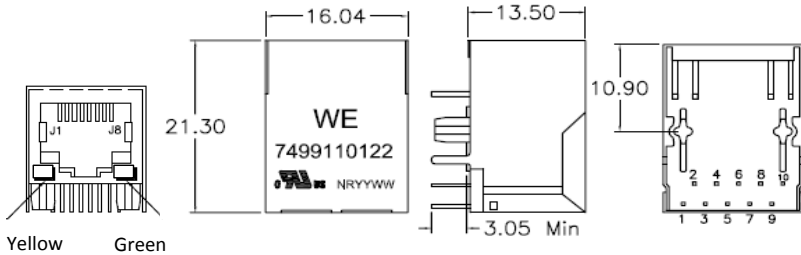
Spezifikation für Freigabe / specification for release

Kunde / customer :
 Artikelnummer / part number : **7499110122**
 Bezeichnung : LAN-Übertrager WE-RJ45LAN 10/100/1000 BaseT
 description : LAN-Transformer WE-RJ45LAN 10/100/1000 BaseT

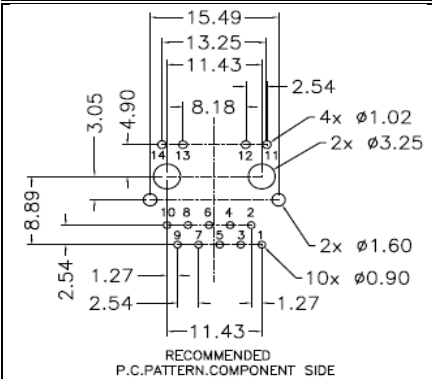


DATUM / DATE : 2013-03-15

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	1-30MHz @ 100Ω	RL	-16	dB	min.
	40MHz @ 100Ω		-13,5		
	50MHz @ 100Ω		-11,5		
	60-100MHz @ 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 underplating 30µ" gold plating on contact area
 Gehäuse / housing: Thermoplastic UL-94V0
 LED: 1,8-2,8 V/ 20mA
 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 1000BaseT-Anwendungen gemäß IEEE 802.3ab / Compliant with IEEE 802.3ab for 1000BaseT

Freigabe erteilt / general release:	Kunde / customer		
.....			
Datum / date	Unterschrift / signature		
.....	Würth Elektronik		
Geprüft / checked	Kontrolliert / approved		
.....			
	Mle	Revision 01	2013-03-15
	KSC	Revision 00	2009-12-22
	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
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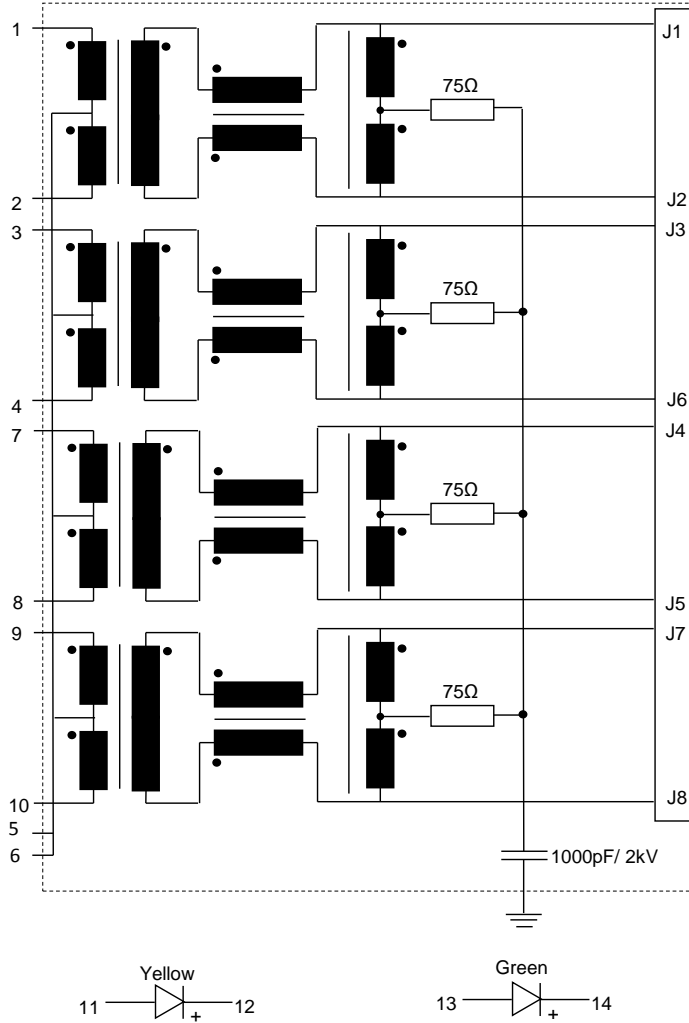
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H Schaltbild / Schematics :



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I Verpackungsspezifikation / package specification :

Tube



Profile view



Top view

Carton



Package Quantity:

tube= 29pcs
 carton= 1860pcs

dimensions in mm

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