

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749053012

Bezeichnung :

LAN-Übertrager WE-LAN 10G

description :

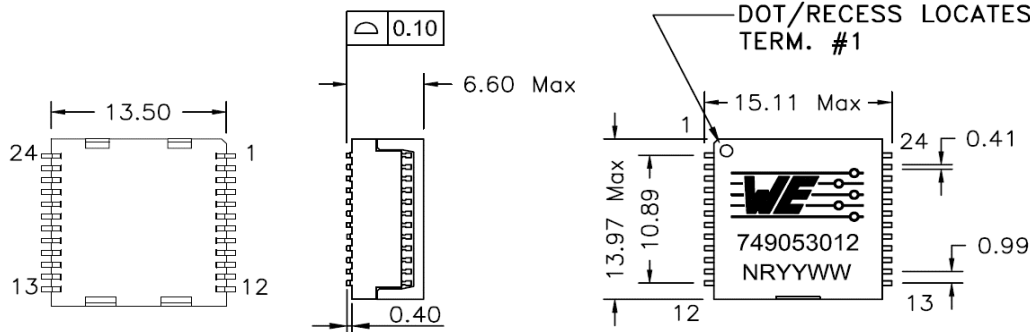
LAN-Transformer WE-LAN 10G



DATUM / DATE : 2017-12-01

A Mechanische Abmessungen / dimensions :

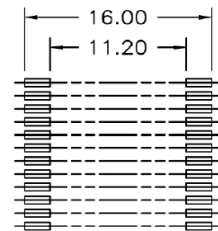
10G BaseT PoE+



B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	100kHz / 100mV @ 8mA DC-Bias	OCL	200	μH	min.
Übersetzungsverhältnis / Turns ratio	100kHz / 100mV	TR	1:1		±2%
Insertion Loss	100KHz-1MHz	IL	-3,0	dB	max.
	1MHz-250MHz		-1,0		
	250MHz-500MHz		-3,0		
Return Loss	1-40MHz	RL	-20,0	dB	min.
	100MHz		-16,0		
	200MHz		-13,0		
	250MHz		-11,2		
	400MHz		-10,0		
Common to Differential Mode Rejection	500MHz	CDMR	-8,0	dB	min.
	1MHz-100MHz		-35,0		
	100MHz-250MHz		-30,0		
Common to Common Mode Rejection	250MHz-500MHz	CMRR	-25,0	dB	min.
	1MHz-100MHz		-35,0		
	100MHz-300MHz		-30,0		
Crosstalk	300MHz-500MHz	CT	-25,0	dB	min.
	1MHz-100MHz		-40,0		
	100MHz-500MHz		-30,0		

C Lötpad / soldering spec. :



(SUGGESTED PCB PAD LAYOUT)

D Prüfgeräte / test equipment :

Agilent E5071C

E Testbedingungen / test conditions :

Luftfeuchtigkeit / Humidity: 33%
Umgebungstemperatur / Temperature: +25°C

F Werkstoffe & Zulassungen / material & approvals :

Basismaterial / Base material: Ferrit / Ferrite
Draht / Wire: 0UEW 180
Kontaktmaterial / Contact plating: Cu-Ni-Sn
Gehäuse / Case: UL94V-0
Verguss / Potting: UL94V-0

G Eigenschaften / general specifications :

Betriebstemp. / Operating temperature: -40°C - +85°C
Hochspannungsprüfung / Hipot test: 1500Vrms 1min.
Feuchteempfindlichkeit: MSL 1 / Humidity class: MSL 1

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

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
http://www.we-online.com

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H PoE Eigenschaften :

Designed für Applikationen bis 15W @57VDC

wenn zwei Kanäle bestromt

Designed für Applikationen bis 30W @57VDC

wenn alle vier Kanäle bestromt

H PoE Specifications :

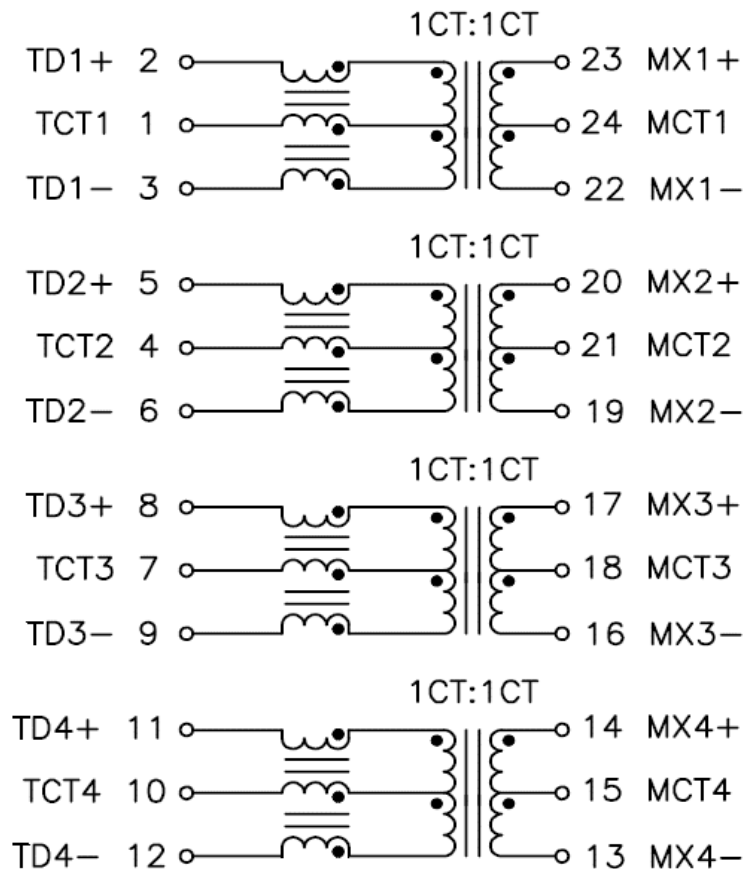
Designed to support applications up to 15W @57VDC

when using two channels

Designed to support applications up to 30W @57VDC

when using four channels

I Schaltbild / Schematics :



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JaB

Version 04

2017-12-01

JaB

Version 03

2017-10-13

JaB

Version 02

2016-08-09

JaB

Version 01

2015-11-02

Name

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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

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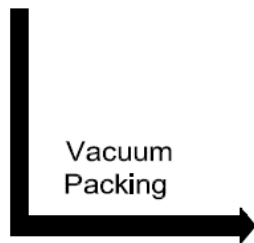
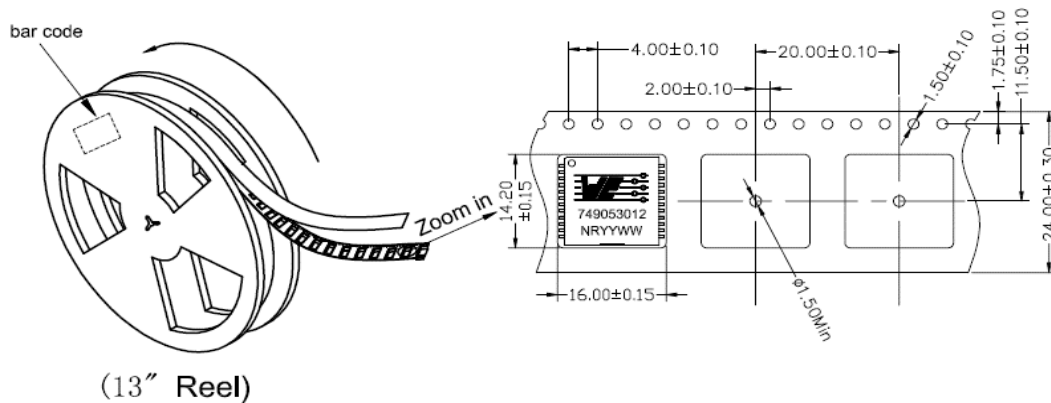
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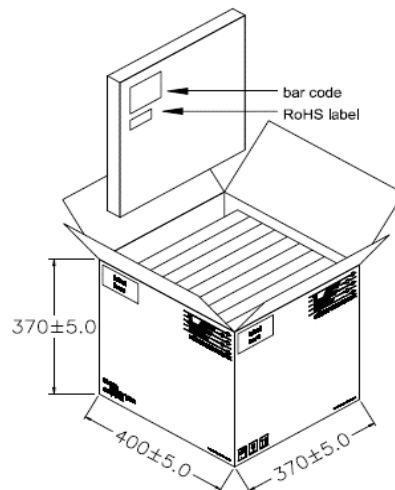
J Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:

PACKAGING(Tape & Reel)



Outside Carton



PACKING QUANTITY:

450pcs Finished Goods / Reel

10 Reels (4500pcs Finished Goods) / Carton

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