

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749052051

Bezeichnung :

LAN-Übertrager WE-LAN 10G

description :

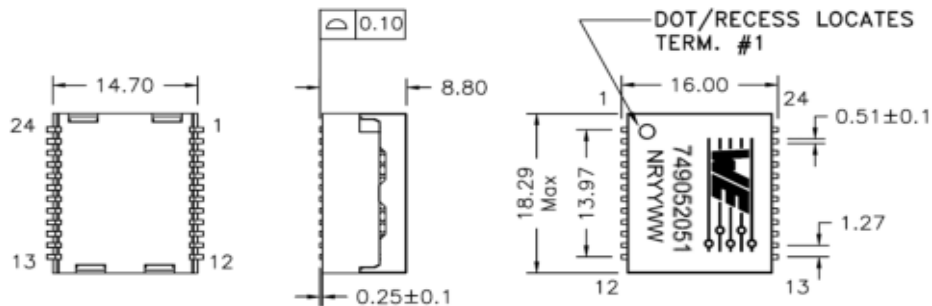
LAN-Transformer WE-LAN 10G



DATUM / DATE : 2016-08-09

A Mechanische Abmessungen / dimensions :

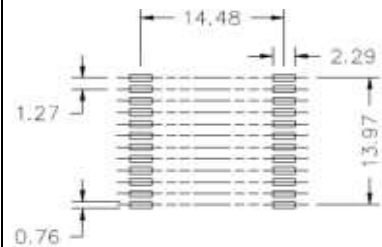
10G BaseT 4PPoE



B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	100kHz / 100mV @ 32mA DC-Bias	OCL	120	μH	min.
Übersetzungsverhältnis / Turns ratio	100kHz / 100mV	TR	1:1		±2%
Insertion Loss	100kHz - 1MHz	IL	-3,0	dB	max.
	1MHz - 250MHz		-1,3		
	250MHz - 500MHz		-3,0		
Return Loss	1MHz - 40MHz	RL	-20,0	dB	min.
	40MHz - 100MHz		-16,0		
	100MHz - 250MHz		-12,0		
	250MHz - 500MHz		-7,0		
Common to Differential Mode Rejection	1MHz - 100MHz	CDMR	-35,0	dB	min.
	100MHz - 250MHz		-30,0		
	250MHz - 500MHz		-25,0		
Crosstalk	1MHz - 100MHz	CT	-40,0	dB	min.
	100MHz - 500MHz		-30,0		

C Lötpad / soldering spec. :



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/Y 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

JaB Version 02 2016-08-09
JaB Version 01 2016-05-03
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 - 800
http://www.we-online.com

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H PoE Eigenschaften :

Designed für Applikationen bis 50W @57VDC

wenn zwei Kanäle bestromt

Designed für Applikationen bis 100W @57VDC

wenn alle vier Kanäle bestromt

H PoE Specifications :

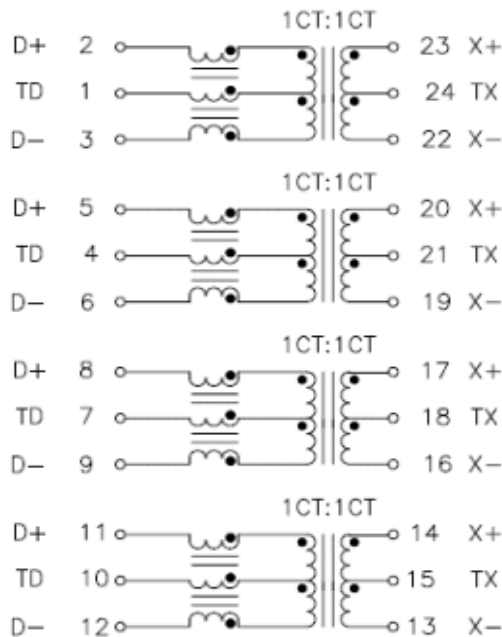
Designed to support applications up to 50W @57VDC

when using two channels

Designed to support applications up to 100W @57VDC

when using four channels

I Schaltbild / Schematics :



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JaB	Version 02	2016-08-09
JaB	Version 01	2016-05-03
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

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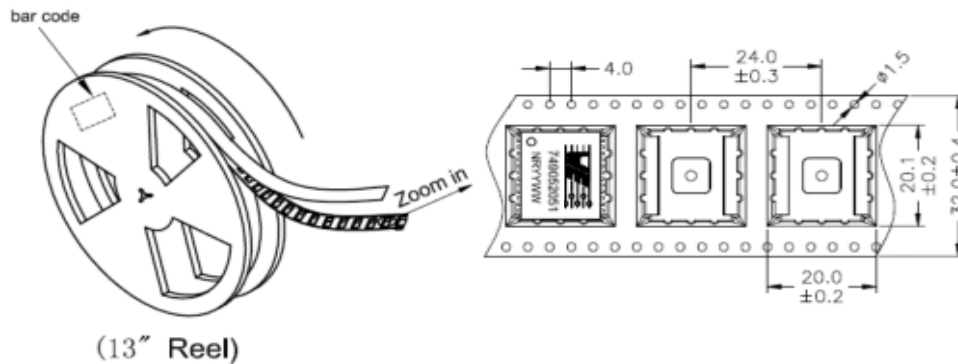


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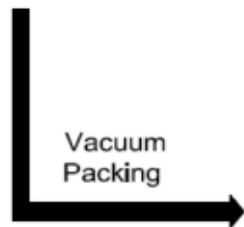
J Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:

PACKAGING(Tape & Reel)

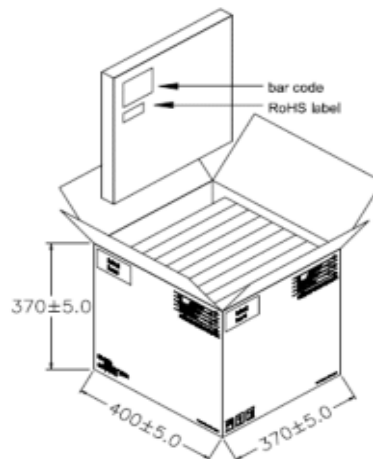


(13" Reel)



Vacuum
Packing

Outside Carton



PACKING QUANTITY:

290 pcs Finished Goods / Reel

8 Reels (2320 pcs Finished Goods) / Carton

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