

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749052050

Bezeichnung :

LAN-Übertrager WE-LAN 10G

description :

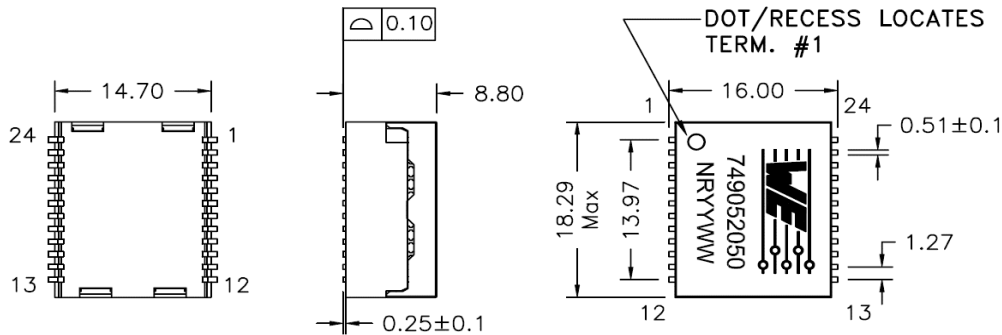
LAN-Transformer WE-LAN 10G



DATUM / DATE : 2016-08-09

A Mechanische Abmessungen / dimensions :

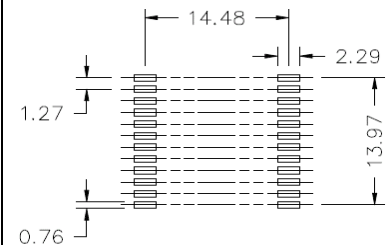
10G BaseT 4PPoE



B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	100kHz / 100mV @ 32mA DC-Bias	OCL	180	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		-2,5		
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	-7,0	dB	min.
	1MHz-100MHz		-35,0		
	100MHz-300MHz		-30,0		
Common to Common Mode Rejection	300MHz-500MHz	CMRR	-22,0	dB	min.
	1MHz-100MHz		-35,0		
	100MHz-250MHz		-30,0		
Crosstalk	250MHz-500MHz	CT	-25,0	dB	min.
	1MHz-100MHz		-40,0		
	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: 0°C - + 70°C
Hochspannungsprüfung / Hipot test: 1500Vrms 1min.
Feuchteempfindlichkeit: MSL 1 / Humidity class: MSL 1

Freigabe erteilt / general release:

Kunde / customer

JaB	Version 06	2016-08-09
JaB	Revision 05	2015-10-15
Mle	Revision 04	2015-08-25
Mle	Revision 03	2015-05-13
JLiu	Revision 02	2015-04-28
JaB	Revision 01	2015-02-13
JLiu	Revision 00	2014-10-17

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

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749052050

Bezeichnung :

LAN-Übertrager WE-LAN 10G

description :

LAN-Transformer WE-LAN 10G



DATUM / DATE : 2016-08-09

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 :

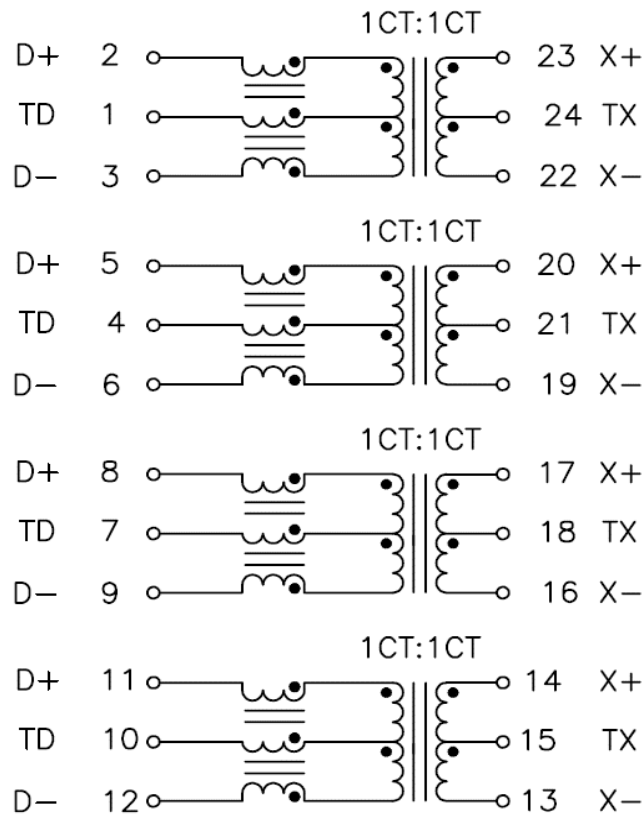
Designed to support applications up to 50W @57VDC

when using two channels

Designed to support applications up to 100W @57VDC

when using four channels

I Schaltbild / Schematics :



Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

JaB

Revision 05

2015-10-15

Mle

Revision 04

2015-08-25

MLe

Revision 03

2015-05-13

JLiu

Revision 02

2015-04-28

JaB

Revision 01

2015-02-13

JLiu

Revision 00

2014-10-17

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

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

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749052050

Bezeichnung :

LAN-Übertrager WE-LAN 10G

description :

LAN-Transformer WE-LAN 10G

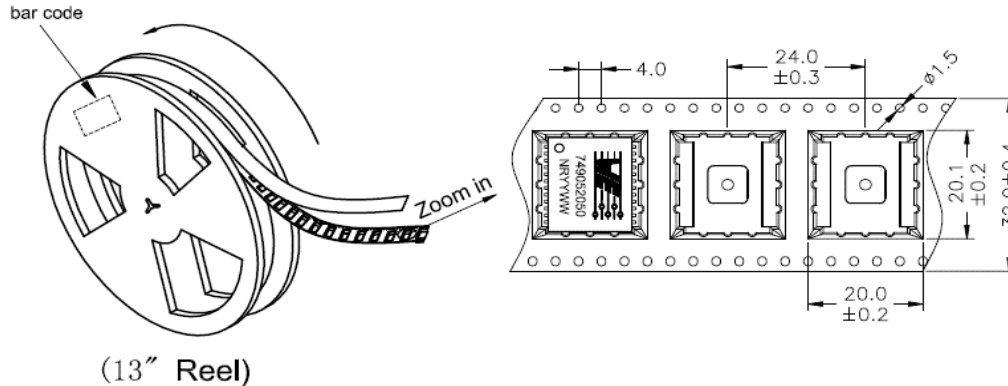


DATUM / DATE : 2016-08-09

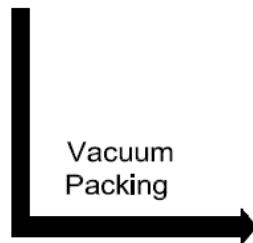
J Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:

PACKAGING(Tape & Reel)

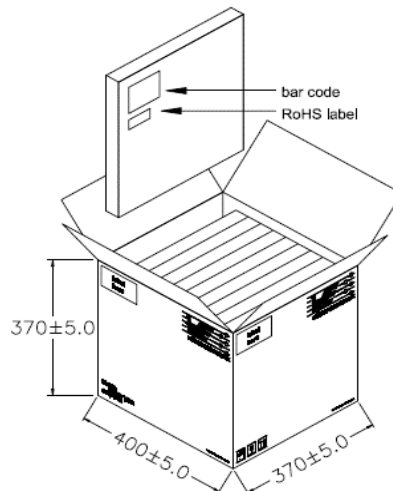


(13" Reel)



Vacuum
Packing

Outside Carton



PACKING QUANTITY:

290 pcs Finished Goods / Reel

8 Reels (2320 pcs Finished Goods) / Carton

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

JaB	Revision 05	2015-10-15
Mle	Revision 04	2015-08-25
Mle	Revision 03	2015-05-13
JLiu	Revision 02	2015-04-28
JaB	Revision 01	2015-02-13
JLiu	Revision 00	2014-10-17
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

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