

Spezifikation für Freigabe / specification for release

Kunde / customer :

Artikelnummer / part number :

749052014



Bezeichnung :

LAN-Übertrager WE-LAN 10G

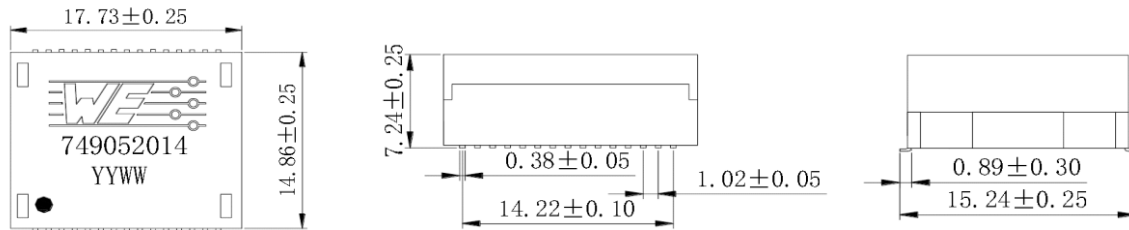
description :

LAN-Transformer WE-LAN 10G

DATUM / DATE : 2018-02-12

A Mechanische Abmessungen / dimensions :

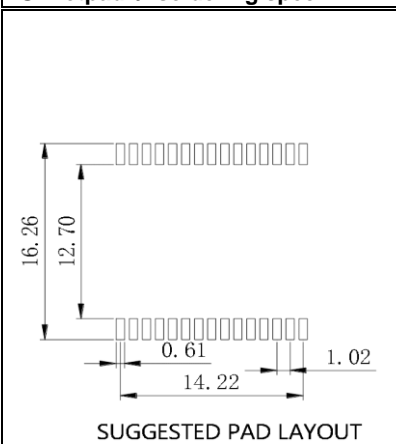
10G BaseT with CMS channel



B Elektrische Eigenschaften / electrical properties :

Eigenschaften / properties	Testbedingungen / test conditions		Wert / value	Einheit / unit	tol.
Induktivität / Inductance	100kHz / 100mV	OCL	180	µH	min.
Übersetzungsverhältnis / Turns ratio	100kHz / 100mV	TR	1:1		±5%
Insertion Loss	100KHz-1MHz	IL	-3.0	dB	max.
	1MHz-250MHz		-1.0		
	250MHz-500MHz		-1.1		
Return Loss	1-40MHz	RL	-24.0	dB	min.
	40MHz-100MHz		-22.0		
	100MHz-250MHz		-10.0		
	250MHz-500MHz		-17.0		
Common to Differential Mode Rejection	1MHz-100MHz	CDMR	-19.0	dB	min.
	100MHz-250MHz		-17.0		
	250MHz-500MHz		-13.0		
Common to Common Mode Rejection	1MHz-100MHz	CMRR	-19.0	dB	min.
	100MHz-250MHz		-17.0		
	250MHz-500MHz		-13.0		
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: QPN 180
 Kontaktmaterial / Contact plating: Cu-Ni-Sn
 Gehäuse / Case: UL94V-0
 Verguss / Potting: UL94V-0

G Eigenschaften / general specifications :

Betriebstemp. / Operating temperature: -40°C - +105°C
 Hochspannungsprüfung / Hipot test: 1500Vrms 1min.
 Feuchtempfindlichkeit: MSL 1 / Humidity class: MSL 1
 CMS (Common Mode Sense) Channel integriert. Kompatibel mit INTEL X557 PHY Chip
 CMS (Common Mode Sense) Channel integrated. Compatible with INTEL X557 PHY Chip

Freigabe erteilt / general release:

Kunde / customer

Datum / date

Unterschrift / signature

Würth Elektronik

Geprüft / checked

Kontrolliert / approved

JaB	Version 01	2018-02-12
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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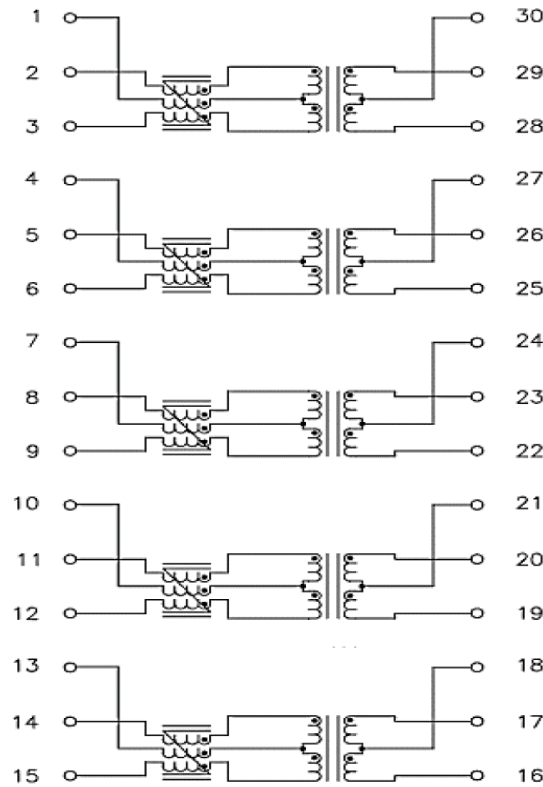
description :

LAN-Transformer WE-LAN 10G

WÜRTH ELEKTRONIK

DATUM / DATE : 2018-02-12

H Schaltbild / Schematics :



Freigabe erteilt / general release:	Kunde / customer			
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	Würth Elektronik			
Geprüft / checked	Kontrolliert / approved	JaB	Version 01	2018-02-12
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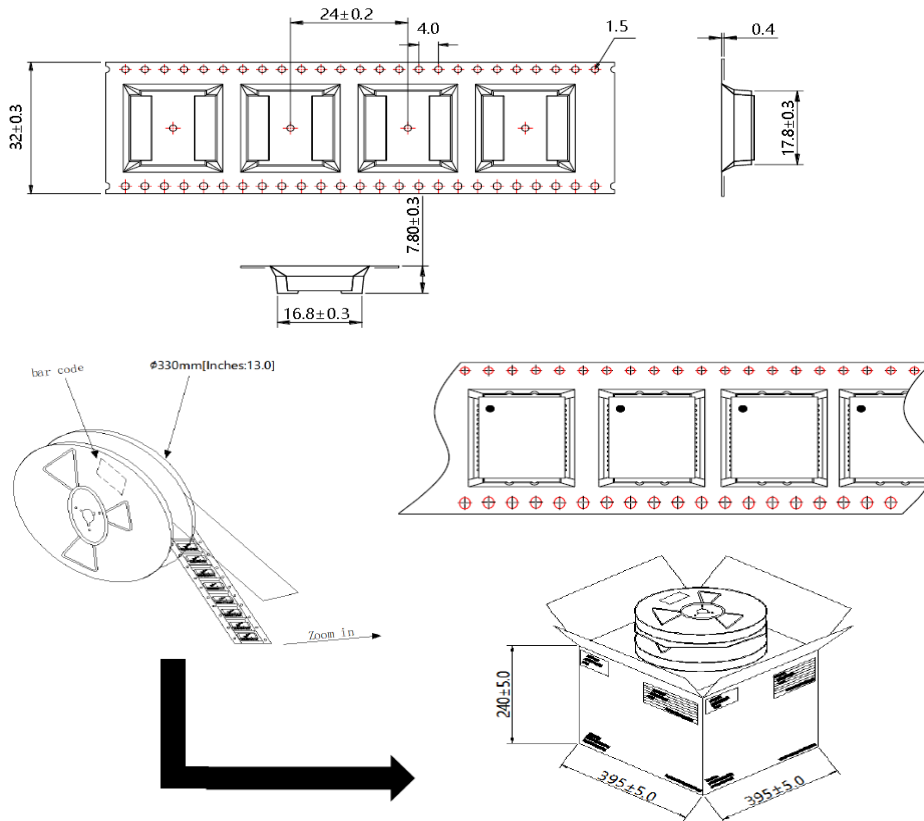
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 description : **LAN-Transformer WE-LAN 10G**



DATUM / DATE : 2018-02-12

I Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:



Packaging Quantity:

350 pcs/Reel
 1750 pcs/carton

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.....			
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.....	Würth Elektronik			
.....			
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