

Spezifikation für Freigabe / specification for release

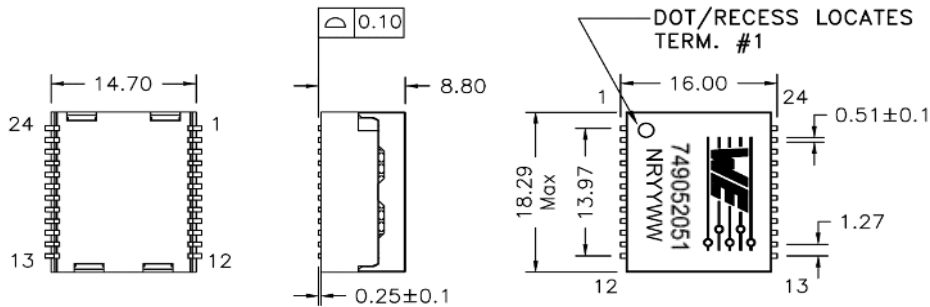
Kunde / customer :
 Artikelnummer / part number : **749052051**
 Bezeichnung : **LAN-Übertrager WE-LAN 10G**
 description : **LAN-Transformer WE-LAN 10G**



DATUM / DATE : 2016-08-09

A Mechanische Abmessungen / dimensions :

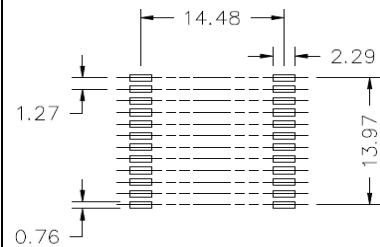
10G BaseT 4PPoE



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 | | 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 - 400
<http://www.we-online.com>

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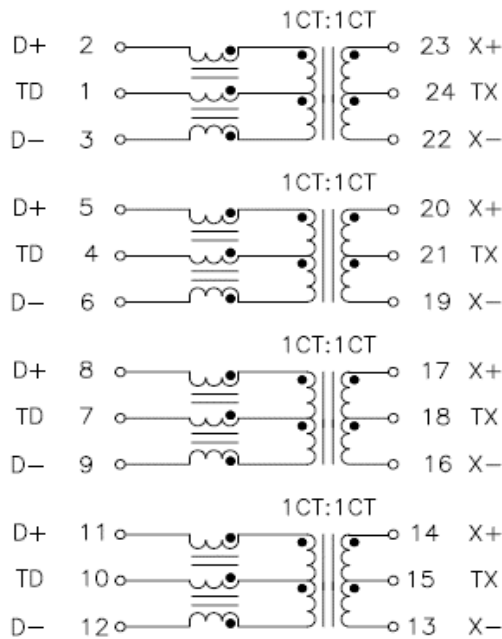
H PoE Eigenschaften :

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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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.

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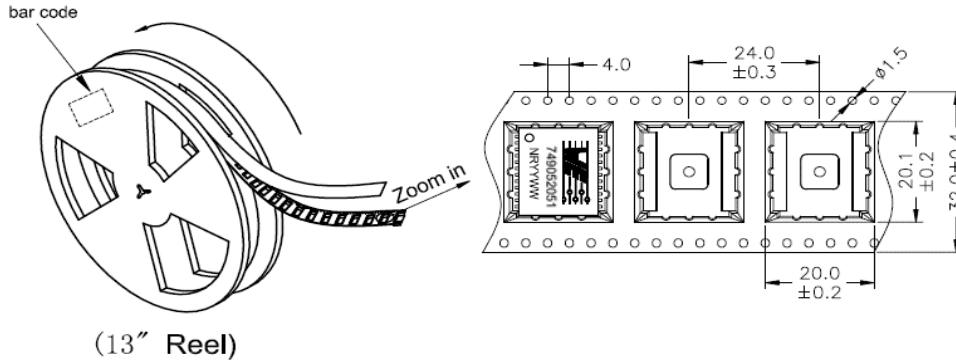


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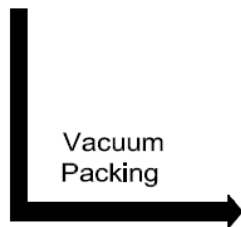
J Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:

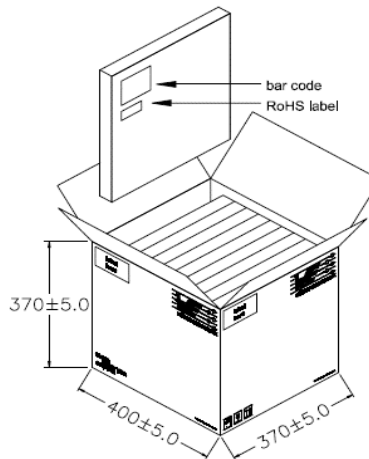
PACKAGING(Tape & Reel)



(13" Reel)



Outside Carton



PACKING QUANTITY:

290 pcs Finished Goods / Reel

8 Reels (2320 pcs Finished Goods) / Carton

| | | | | |
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