

Spezifikation für Freigabe / specification for release

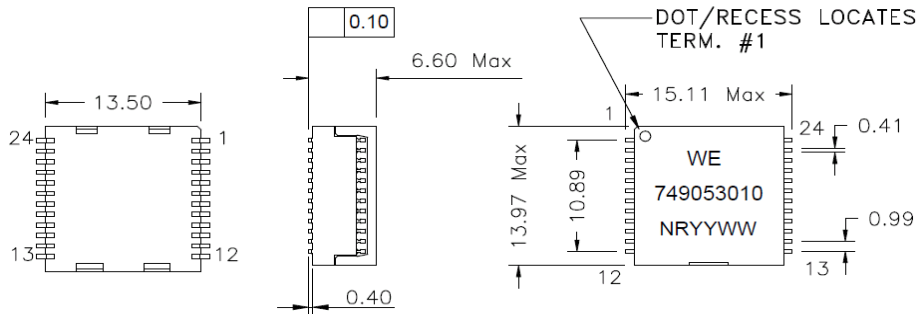
Kunde / customer :
 Artikelnummer / part number : **749053010**
 Bezeichnung : **LAN-Übertrager WE-LAN 10G**
 description : **LAN-Transformer WE-LAN 10G**



DATUM / DATE : 2015-05-21

A Mechanische Abmessungen / dimensions :

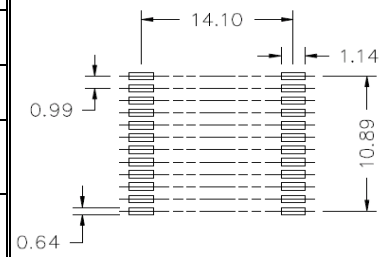
| | |
|--|----------------------|
| | 10G BaseT PoE |
|--|----------------------|



B Elektrische Eigenschaften / electrical properties :

| Eigenschaften / properties | Testbedingungen / test conditions | | Wert / value | Einheit / unit | tol. |
|---------------------------------------|-----------------------------------|------|--------------|----------------|------|
| Induktivität / Inductance | 100kHz / 100mV @ 8mA DC-Bias | OCL | 120 | 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 | -18,0 | dB | min. |
| | 100MHz | | -16,0 | | |
| | 200MHz | | -13,0 | | |
| | 250MHz | | -11,2 | | |
| | 400MHz | | -10,0 | | |
| Common to Differential Mode Rejection | 1MHz-100MHz | CDMR | -35,0 | dB | min. |
| | 100MHz-300MHz | | -30,0 | | |
| | 300MHz-500MHz | | -25,0 | | |
| Common to Common Mode Rejection | 1MHz-100MHz | CMRR | -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: 0°C - +70°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 | JLiu | Revision 02 |
| | | JaB | Revision 01 |
| | | JLiu | Revision 00 |
| 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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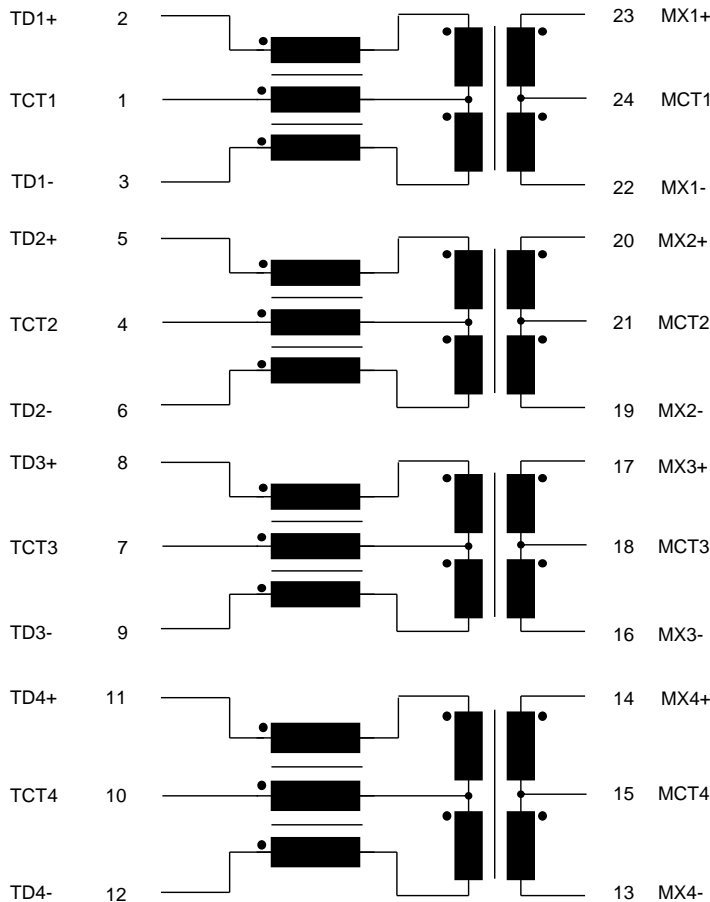
H PoE Eigenschaften :

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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| | Würth Elektronik | JLiu | Revision 02 | 2015-05-21 |
| | | JaB | Revision 01 | 2015-04-13 |
| | | JLiu | Revision 00 | 2014-10-10 |
| Geprüft / checked | Kontrolliert / approved | 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

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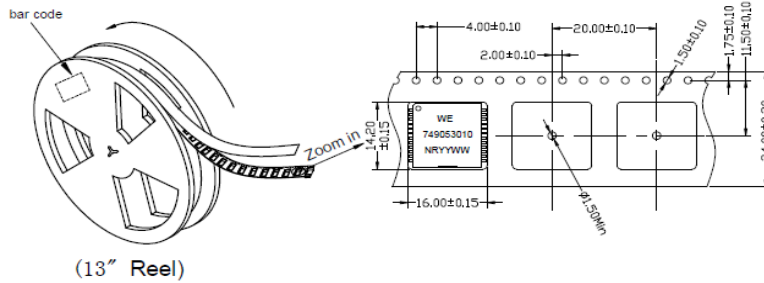
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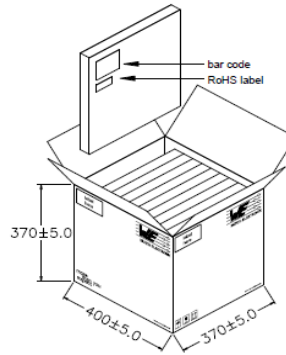
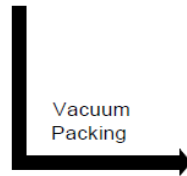
J Rollenspezifikation / tape and reel specification :

Gurtspezifikation / Tape specification:

PACKAGING(Tape & Reel)



(13" Reel)



Outside Carton

PACKING QUANTITY:

450pcs Finished Goods / Reel

10 Reel (4500pcs Finished Goods) / Carton

| | | | | |
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