

K-No.: 23983

Powerline transformer

Date: 30.01.2012

Customer: Standard Type

Customers part No.:

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Mechanical outline (mm): (General Tolerances DIN ISO 2768-c)

Toleranz der Stiftabstände
±0,2 mm
(Tolerances grid distance)

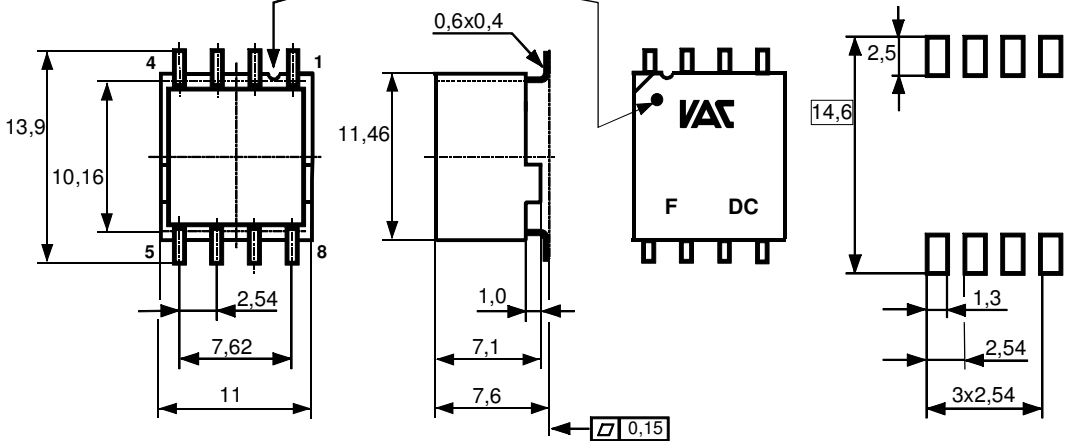
Kennzeichnung Stift 1
(marking pin 1)

DC=Date Code
F=Factory

Vorschlag zur Anordnung
der Anschlußflächen
(Example for pad position)

Connections:

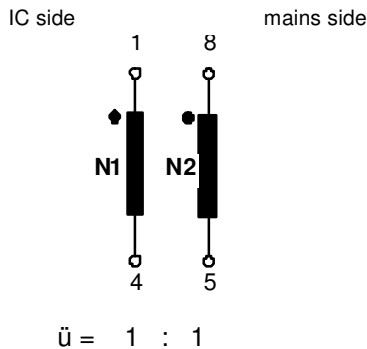
Dummy pins:
No. 3, 2, 6, 7



Beschriftung:
marking

VAC DC
5024X078
F

Schematic diagram:



Operational data/characteristic data (nominal values):

$R_{Cu1(IC\ side)} = 200\ m\Omega\ +/-15\%$ $m = 2\ g$
 $R_{Cu2(mains)} = 300\ m\Omega\ +/-15\%$
 $L_{S1} < 0,9\ \mu H$ (N2 short circuited)
 $C_{K1-2} < 50\ pF$

Operating temperature: -40 °C ... +85 °C
 Storage temperature: -40 °C ... +85 °C

Inspection: (V: 100%-Test; AQL...: DIN ISO 2859-Teil1)

- | | | | | | |
|----|------------|----------|--|----------------------------------|--|
| 1) | (V) | M3014: | $U_{t,r.m.s} = 3\ kV,$ | 2 s, | N1 vs N2 |
| 2) | (AQL 0,25) | M3011/1: | $L_1 \geq 2.5\ mH,$
$L_2 \leq 5.7\ mH,$ | $f = 10\ kHz,$
$f = 10\ kHz,$ | $U_{AC,r.m.s} = 100\ mV$
$U_{AC,r.m.s} = 100\ mV$ |
| 3) | (V) | M3011/6: | Polarity, Turns ratio: | | Tolerance ± 2 % |
| 4) | (Fix05) | M3291: | Solderability test acc. to chapter 1 | | |
| 5) | (AQL 1/S4) | M3200: | Mechanical test | | |

Measurements after temperature balance of the test samples at room temperature

Applicable documents: See page 2

Date	Name	Index	Change
30.01.12	Bs	85	Revised acc to EN 60950. Mechanical outline width changed from 10mm to 11mm. type test M3064 cancelled. CN-194.

Editor: KB-E	Design: Bs	KB-PM: Ert. check	released: HS
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Type test

- 1) M3292: Resistance to soldering heat acc. to chapter 2

- 2) High voltage test according to M3014
 $U_{p,eff} = 3 \text{ kV}$, 1 min, N1 vs N2

Applicable documents:

Designed, manufactured and tested in accordance with EN 60950 and complies with the standards.

Parameters:

Reinforced Insulation: N1 vs N2
 Working voltage $U_{rms} = 250 \text{ V}$
 Overvoltage category:2
 Pollution degree 2
 Insulation material group 3

Certificate according to EN 10204-2.1 for each delivery

Housing material, casting resin and wire UL – listed

Packing: Drypack / MSL according VAC M3027

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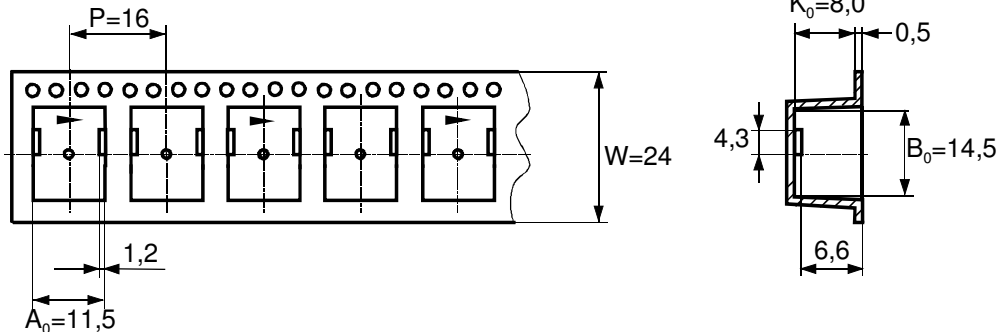
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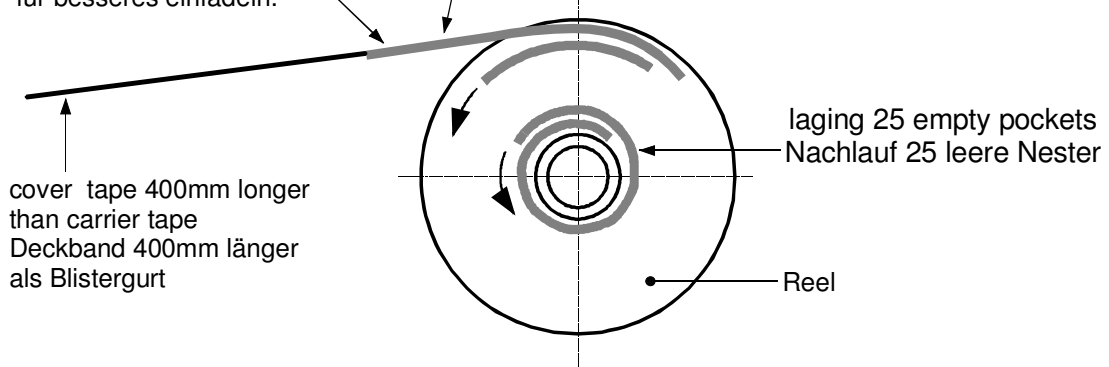
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packing information / Verpackungsinformation



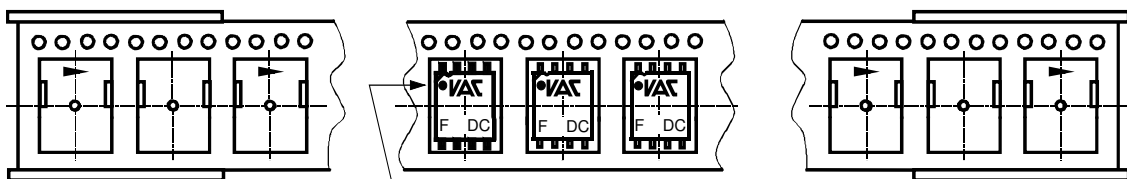
the first two nests must be crushed for better pockets.
Die ersten zwei Nester gequetscht für besseres einfädeln.

leading 25 empty pockets
Vorlauf 25 leere Nester



laging: >25 empty pockets
Nachlauf >25 leere Nester

leading: >25 empty pockets
Vorlauf >25 leere Nester



Orientation of Pin 1 in carrier tape
Anordnung von Stift 1 im Blistergurt

Insertion of components according orientation 3 shown in M-sheet 3510
Einsetzen der Bauelemente nach M-Blatt 3510 Orientierung 3

quantities in packing: 450 pieces/tape (packing carton) 450 Bauelemente/Rolle
Verpackungsmenge 5 tapes reel/carton (outside)=2250 pieces /carton(outside)
5 Rollen/Karton =2250 Bauelemente /Außenkarton

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