

K-No.: 25165

Powerline transformer

Date: 28.09.2011

Customer

Customers part No.:

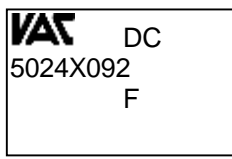
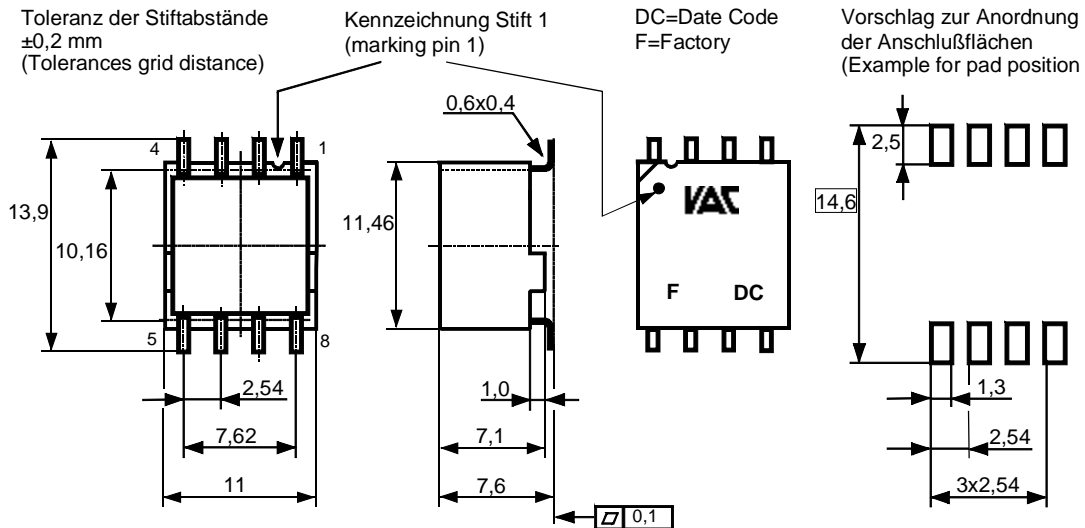
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Mechanical outline (mm): (General Tolerances DIN ISO 2768-c)

Connections:

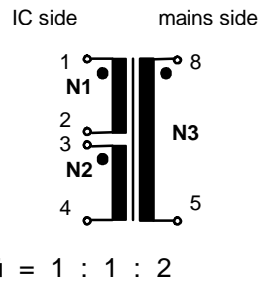
Dummy pins:
No.

Beschriftung:
marking



Schematic diagram:

Operational data/characteristic data (nominal values):



f = 10...1000 kHz

I_{DC} < 140 mA

R_{Cu1} ≤ 250 mΩ ; R_{Cu2} ≤ 250 mΩ, R_{Cu3} ≤ 500 mΩ

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_{p,eff} = 3,0 kV, 2 s, N3 vs N1+N2
U_{p,eff} = 0,5 kV, 2 s, N1 vs N2
- 2) (AQL 0,25) M3011/1: L₃ ≥ 700 µH, f = 10 kHz, U_{AC,eff} = 100 mV
- 3) (V) M3011/6: Polarity, Turns ratio: Tolerance ± 2 %

see page 2

Applicable documents: see page 2

Date	Name	Index	Change
28.09.11	Bs	82	Revised acc to EN 60950. Mechanical outline width changed from 10mm to 11mm. M3064 cancelled, M3292 added. OVC changed from 3 to 2. Page A3: new tape reel added. ÄA-196

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

- 4) (Fix05) M3291: Solderability test acc. to chapter 1
- 5) (AQL 1/S4) M3200: Mechanical test

Type test

- 1) High voltage test according to M3014
 $U_{p,eff} = 3 \text{ kV}, \quad 1 \text{ min}, \quad N1+N2 \text{ vs } N3$
- 2) **M3292: Resistance to soldering heat acc. to chapter 2**

Measurements after temperature balance of the test samples at room temperature

Applicable documents:

Designed, manufactured and tested in accordance to EN 60950 (IEC 60950) and complies with the standards.

Parameters: Reinforced insulation: N1+N2 to N3

Working voltage: 400 V r.m.s.

Overvoltage category: 2

Pollution degree: 2

Insulation material group: 3

Housing material, casting resin and wire UL – listed

Packing: Drypack / MSL according VAC M3027

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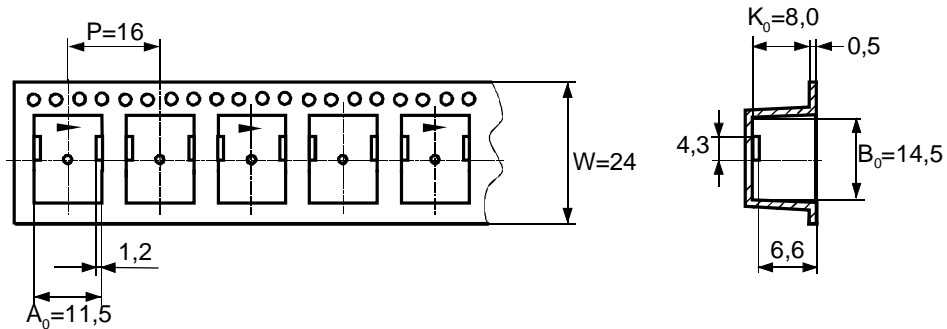
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packing information / Verpackungsinformation

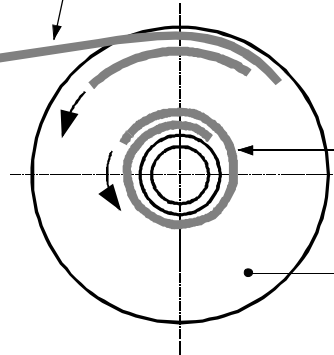


the first two nests must be crushed for better pockets.
Die ersten zwei Nester gequetscht für besseres einfädeln.

leading 25 empty pockets
Vorlauf 25 leere Nester

laging 25 empty pockets
Nachlauf 25 leere Nester

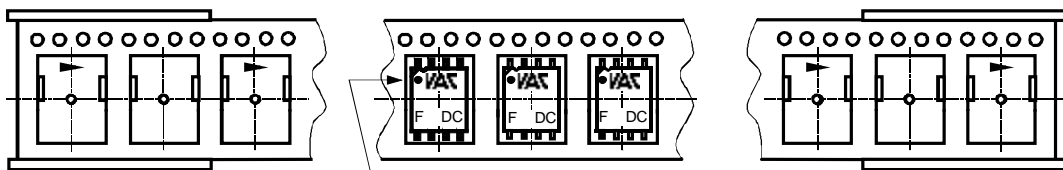
cover tape 400mm longer than carrier tape
Deckband 400mm länger als Blistergurt



Reel

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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