

K-No.: 25606

Powerline transformer

Date: 26.03.2015

Customer:

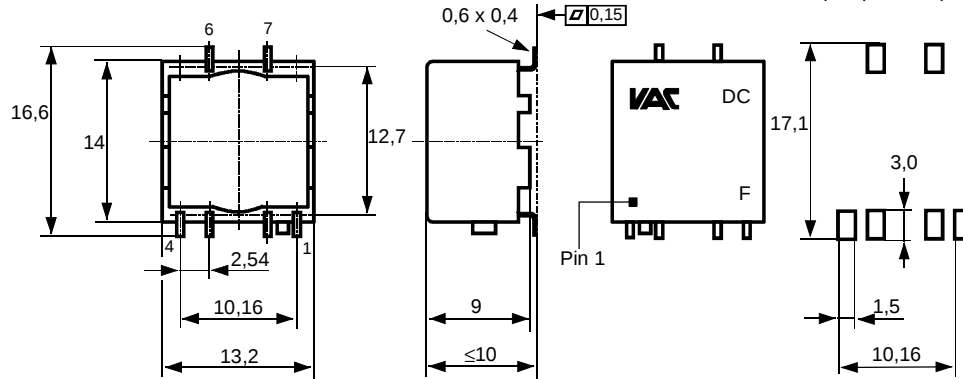
Customers part no.:

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

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

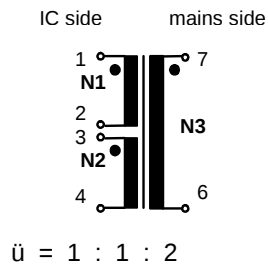
 DC= Date Code
 F = Factory

 Vorschlag zur Anordnung der
 Anschlussflächen
 (Example
 for pad positions)

 Connections:
 No. 1, 2, 3, 4, 6, 7

 Removed pins:
 No. 5, 8

 Beschriftung:
 marking

VAC DC
 5032X102
 F

Schematic diagram:

Operational data/characteristic data (nominal values):
 $f = 10 \dots 1000 \text{ kHz}$
 $I_{RMS} < 100 \text{ mA (50/60Hz)}$
 $R_{Cu1} \leq 135 \text{ m}\Omega$; $R_{Cu2} \leq 135 \text{ m}\Omega$, $R_{Cu3} \leq 230 \text{ m}\Omega$

 Operating temperature: $-40^\circ\text{C} \dots +120^\circ\text{C}$

 Storage temperature: $-40^\circ\text{C} \dots +85^\circ\text{C}$
Inspection: (V: 100%-Test; AQL...: DIN ISO 2859-Teil1)

- | | | | | | |
|----|------------|----------|--|------------------------|----------------------------------|
| 1) | (V) | M3014: | $U_{t,r.m.s.} = 6,5 \text{ kV}$,
$U_{t,r.m.s.} = 0,5 \text{ kV}$, | 2 s,
2 s, | N3 vs N1+2
N1 vs N2 |
| 2) | (AQL 0,25) | M3011/1: | $L_3 \geq 700 \mu\text{H}$, | $f = 10 \text{ kHz}$, | $U_{AC,r.m.s.} = 100 \text{ mV}$ |
| 3) | (V) | M3011/6: | Polarity, turns ratio: | Tolerance $\pm 2 \%$ | |

see page 2

Applicable documents: see page 2

Date	Name	Index	Change
26.03.15	Bs	82	Typo: storage temperature changed from $+120^\circ\text{C} \Rightarrow +85^\circ\text{C}$. Lapiary change
22.07.14	Pf.	82	Characteristic data: $I_{DC} < 100 \text{ mA}$ changed to $I_{RMS} < 100 \text{ mA (50/60Hz)}$. Lapidary change

 Hrsg.: KB-E
 editor

 Bearb: BS
 designer

 KB-PM: Ert.
 check

 freig.: HH
 released

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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

 $U_{t, r.m.s.} = 7,5 \text{ kV}, \quad 1 \text{ min}, \quad N1+N2 \text{ gegen/vs } N3$

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

Measurements after temperature balance of the test samples at room temperature

Applicable documents:

Constructed, manufactured and tested in accordance to EN 60950 (IEC 950) and agrees with the standards.

Parameters: Reinforced insulation: N1+N2 to N3	and / or	Reinforced insulation: N1+N2 to N3
Working voltage: 450 V r.m.s.		Working voltage: 300 V r.m.s.
Overvoltage category: 3		Overvoltage category: 4
Pollution degree: 2		Pollution degree: 2
Insulation material group: 3		Insulation material group: 3

Housing material, casting resin and wire UL – listed

Packing: Drypack / MSL according VAC M3027

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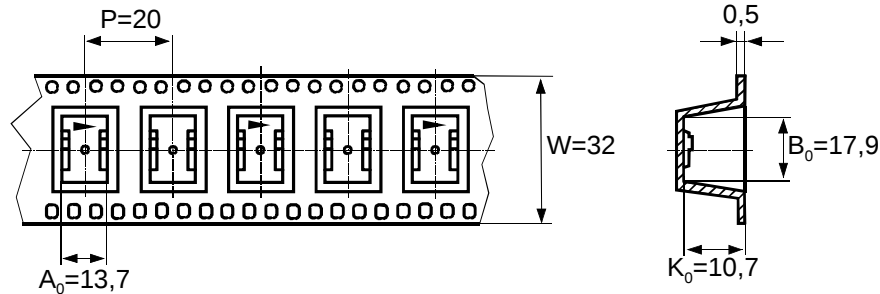
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packing information / Verpackungsinformation


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

Blistergurt
leading 25 empty pockets
Vorlauf 25 leere Nester

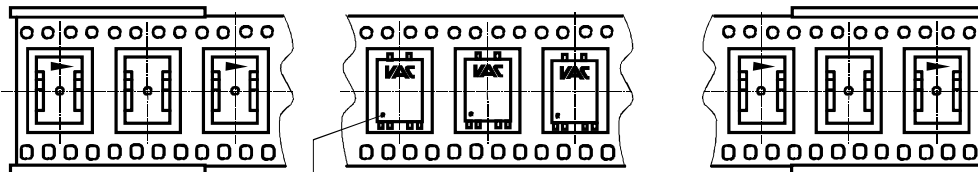
Deckband 400mm länger
wie Blistergurt
(cover longer
like carrier tape)

Blistergurt
laging 25 empty pockets
Nachlauf 25 leere Nester

Reel

laging:>25 empty pockets
Nachlauf >25 leere Nester

leading:>25 empty pockets
Vorlauf >25 leere Nester



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

Insertion of components according orientation 1 shown in M-sheet 3510
Einsetzen der Bauelemente nach M-Blatt 3510 Orientierung 1

quantities in packing: 200 pieces/tape (packing carton) 200 Bauelemente/Rolle
Verpackungsmenge 5 tapes reel/carton (outside)=1000 pieces /carton(outside)
5Rollen/Karton =1000 Bauelemente /Außenkarton

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