

K-Nr.: 26307
 K-no.:

Powerline Transformer

 Datum: 11.03.2015
 Date:

 Kunde: Standard Type
 Customer

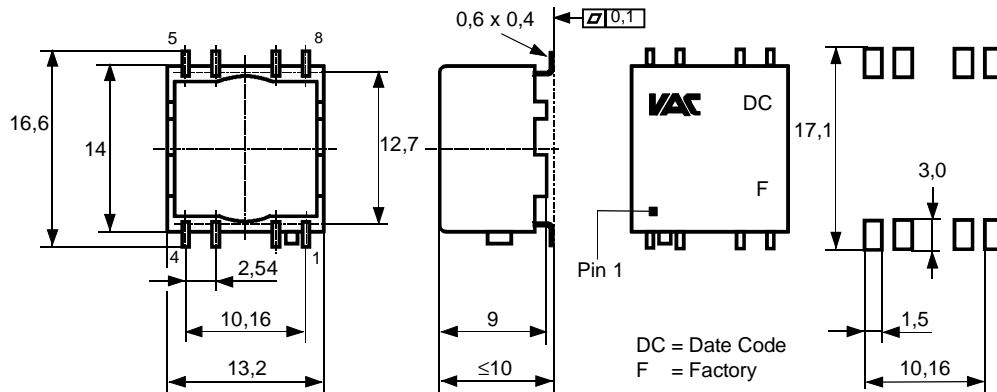
 Kd. Sach Nr.:
 Customers part no.:

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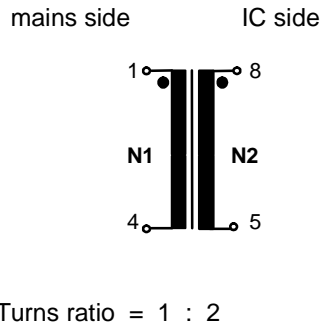
 Maßbild (mm): Freimaßtoleranz DIN ISO 2768-c
 Mechanical outline General tolerances

 Anschlüsse:
 Connections:
 1, 4, 5, 8

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

 Vorschlag zur Anordnung der
 Anschlussflächen (Example
 for pad positions)

 Beschriftung:
 marking

 5032X111
 F DC

 Anschlußschema:
 Schematic diagram

 Betriebsdaten/Charakteristische Daten (Richtwerte):
 Operational data/characteristic data (nominal values):

 $f = 10 \dots 1000 \text{ kHz}$
 $I_{DC} < 140 \text{ mA}$; (related to N1)

 $C_{K1-2} < 7 \text{ pF}$; $f = 10 \text{ kHz}$; $U_{eff} = 100 \text{ mV}$
 $R_{Cu1} \leq 170 \text{ m}\Omega$; $R_{Cu2} \leq 400 \text{ m}\Omega$

 Operating temperature: $-40 \text{ }^\circ\text{C} \dots +85 \text{ }^\circ\text{C}$

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

See page 2

 Weitere Vorschriften: Siehe Seite 2
 Applicable documents See page 2

Datum	Name	Index	Änderung
11.03.15	Bs	81	Typo. Operational data, $C_{K1+2} < 7\text{pF}$ changed to $C_{K1-2} < 7\text{pF}$. Lapidary change.

 Hrsg.: KB-E
 editor

 Bearb.: Bs
 designer

 KB-PM: Pf.
 check

 freig.: HH
 released

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

- | | | | | |
|----|------------|----------|--|---|
| 1) | (V) | M3014: | $U_{p,rms} = 3,0 \text{ kV}, 2 \text{ s},$ | N1 vs N2 |
| 2) | (AQL 0,25) | M3011/1: | $L_2 = 1,2 \text{ mH} \pm 40\%,$ | $f = 10 \text{ kHz}, U_{AC,eff} = 100 \text{ mV}$ |
| 3) | (V) | M3011/2: | $L_{S2-1k} = 23 \mu\text{H} \pm 10\%,$ | $f = 100 \text{ kHz}, U_{eff} = 100 \text{ mV},$ N1 short-circuited |
| 4) | (V) | M3011/6: | Polarity, Turns ratio: | Tolerance $\pm 2 \%$ (SC) |
| 5) | (Fix05) | M3291: | Solderability test acc. to chapter 1 | |
| 6) | (AQL 1/S4) | M3200: | Mechanical test | |

Type test:

- 1) High voltage test according to M301
- 2) $U_{p,rms} = 3,0 \text{ kV}, 1 \text{ min},$ N1 vs N2
- 2) M3292: Resistance to soldering heat according to chapter 2

Measurements after temperature balance of the test samples at room temperature

Applicable documents:

Housing material, casting resin and wire UL – listed

Packing: Drypack / MSL according VAC M3027

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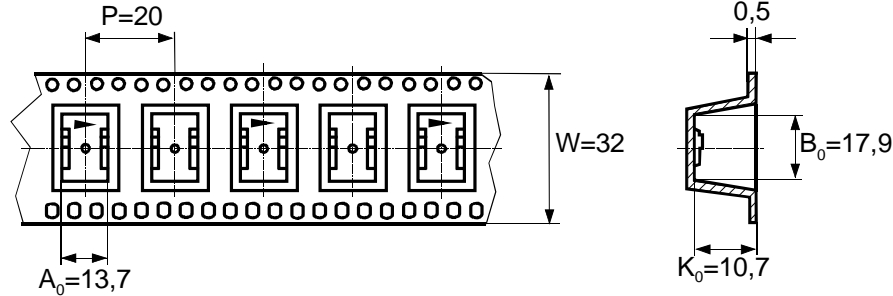
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packing information / Verpackungsinformation



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

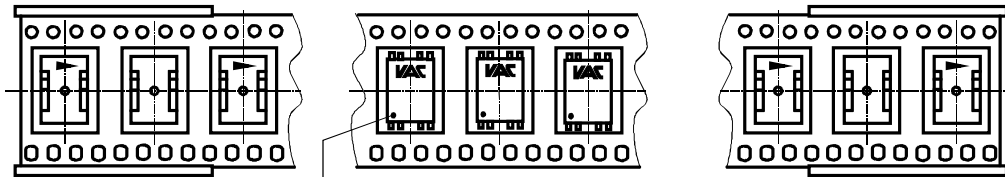
Deckband 400mm länger
wie Blistergurt
(cover longer
like carrier tape)

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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