

K-No.: 25159

Powerline transformer

Date: 11.02.2010

Customer: Standard Type

Customers part No.:

Page 1 of 2

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

Toleranz der Stiftabstände
 $\pm 0,2$ mm
(Tolerances grid distance)

Kennzeichnung Stift 1
(marking pin 1)

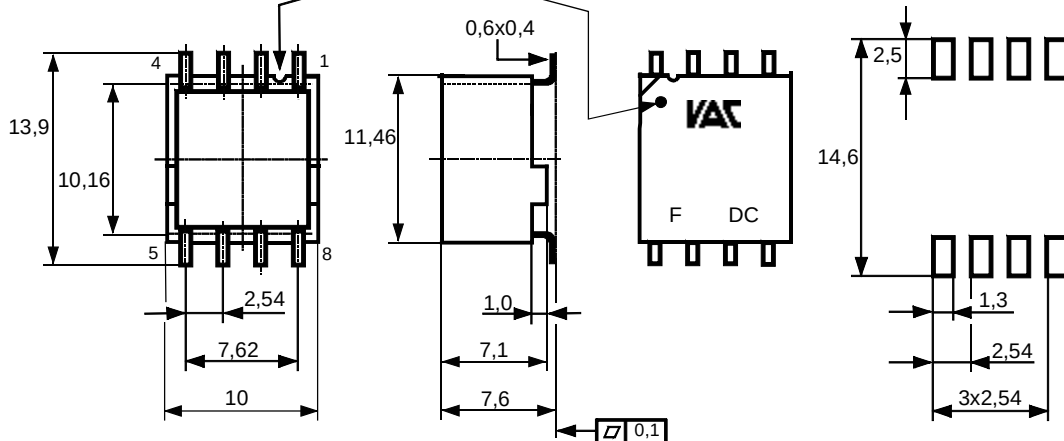
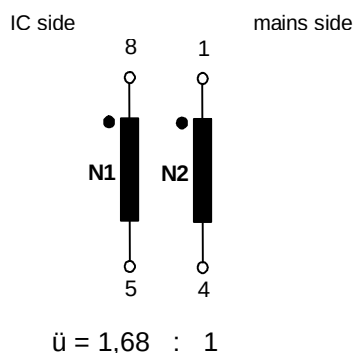
DC = Date Code
F = Factory

Vorschlag zur Anordnung
der Anschlußflächen
(Example for pad position)

Connections:
No. 1, 4, 5, 8

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

Beschriftung:
marking

VAC DC
5024X097
F

Schematic diagram:

Operational data/characteristic data (nominal values):
 $R_{Cu1(IC\ side)} = 220\ m\Omega\ +/-15\%$
 $R_{Cu2(mains)} = 160\ m\Omega\ +/-15\%$
 $L_{S1} = 16.5\ \mu H\ +/-30\%$ (N2 short circuited)

 $L_{S2} = 5.8\ \mu H\ +/-30\%$ (N1 short circuited)

 $C_K \leq 17\ pF$
 $C_{W1} \leq 15\ pF$

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

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

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

- 1) (V) M3014: $U_{t,r.m.s} = 1.5\ kV, 2\ s,$ N_1 to N_2
- 2) (AQL 0,25) M3011/1: $L_1 = 1.2\ mH\ +/-30\%,$ $f = 10\ kHz,$ $U_{AC,r.m.s} = 100\ mV$
- 3) (AQL 0,25) M3011/2: $L_{S1} = 16.5\ \mu H\ +/-30\%,$ $f = 100\ kHz,$ $U_{AC,r.m.s} = 100\ mV$ (N2 short circuited)
- 4) (V) M3011/6: Polarity, Turns ratio: Tolerance $\pm 2\%$
- 5) (Fix05) M3291: Solderability test acc. to chapter 1
- 6) (AQL 1/S4) M3200: Mechanical test

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

Date	Name	Index	Change
11.02.10	Bs	81	Packing instruction added (Dry pack set) RCu values adapted. ÄA-784. Inspection 5) and 6) added.

Editor: KB-E	Design: BS	KB-PM: Pf. check	released: RK
--------------	------------	---------------------	--------------

K-No.: 25159

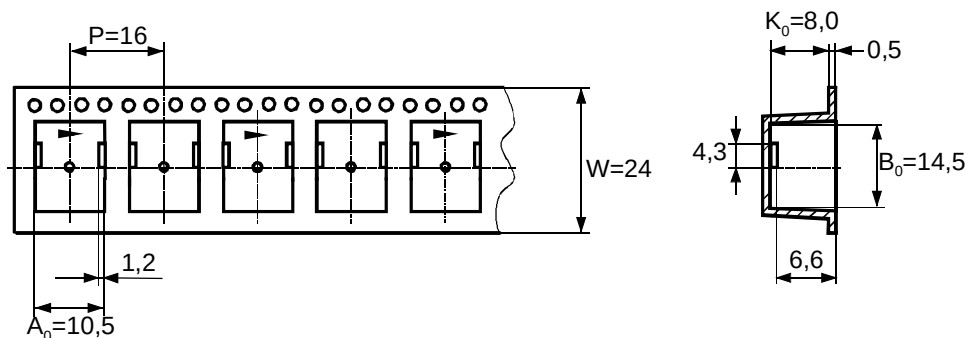
Powerline transformer

Date: 11.02.2010

Customer: Standard Type

Customers part No.:

Page 2 of 2

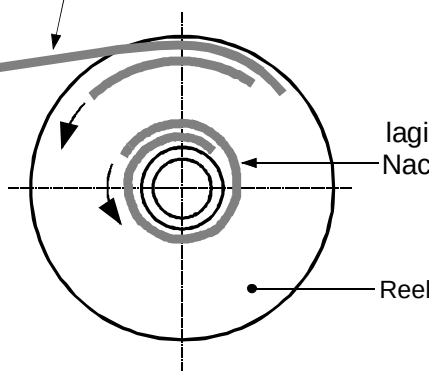
packing information / Verpackungsinformation


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

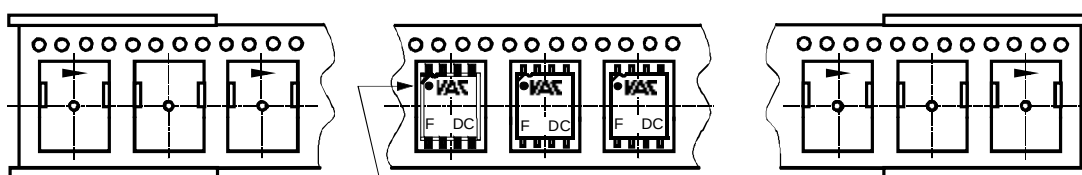
cover tape 400mm longer than carrier tape
 Deckband 400mm länger als Blistergurt



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

Editor: KB-E

Design: BS

 KB-PM: Pf.
 check

released: RK