

K-No.: 24063

Signal Transformer

Date: 24.04.2015

Customer: Standard type

Customers part No.:

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

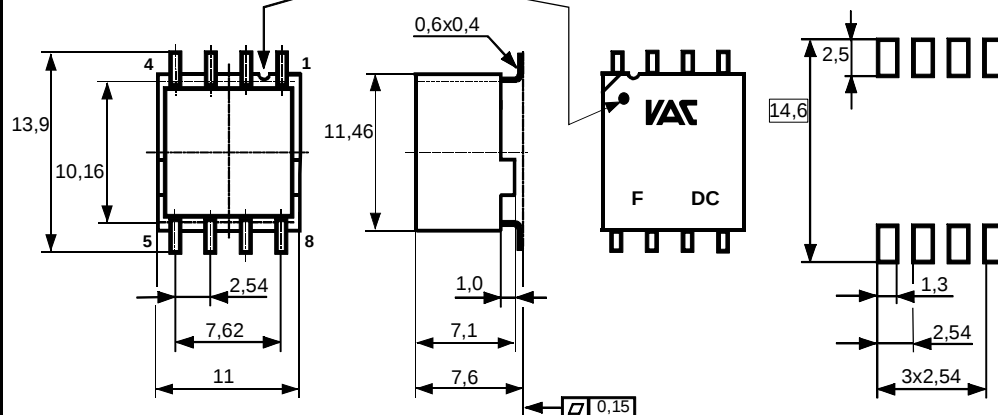
Connections:

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

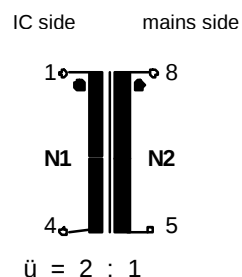
 Kennzeichnung Stift 1
 (marking pin 1)

 DC=Date Code
 F=Factory

 Vorschlag zur Anordnung
 der Anschlußflächen
 (Example for pad position)

 Unused pin(s):
 No. 3,2,6,7

 Beschriftung:
 marking

VAC DC
 5024X079
 F

Schematic diagram:

Operational data/characteristic data (nominal values):
 $f = 10 \text{ kHz} \dots 1 \text{ MHz}$
 $L_{S1-2} \leq 2 \mu\text{H};$
 $C_{K1-2} \leq 50 \text{ pF}$
 $R_{Cu1} \leq 350 \text{ m}\Omega, \quad R_{Cu2} \leq 120 \text{ m}\Omega$

 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: | $U_{p,eff} = 3,0 \text{ kV}, 2 \text{ s},$ | N1 to N2 |
| 2) | (AQL 0,25) | M3011/1: | $L_2 = 1,40 \text{ mH}^* \pm 30\%,$ | $f = 10 \text{ kHz}, \quad U_{AC,eff} = 100 \text{ mV}$ |
| 3) | (V) | M3011/6: | Polarity, Turns ratio: | Tolerance $\pm 2 \%$ |
| 4) | (Fix05) | M3291: | Solderability test acc. 1 | |
| 5) | (AQL 1/S4) | M3200: | Mechanical test | |

see page 2

Applicable documents: See page 2

Date	Name	Index	Change
24.04.15	Bs.	83	Typo: storage temperature changed from $+120^\circ\text{C} \rightarrow +85^\circ\text{C}$. lapidary change.

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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

Measurements after temperature balance of the test samples at room temperature

*preliminary

Applicable documents:

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

Parameters: Reinforced insulation: N1-N2

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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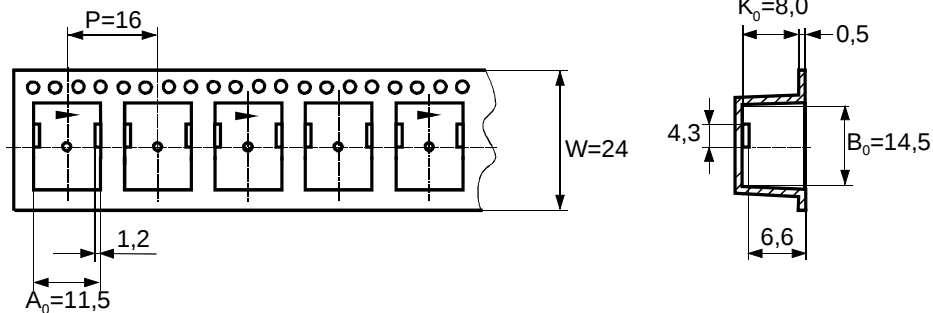
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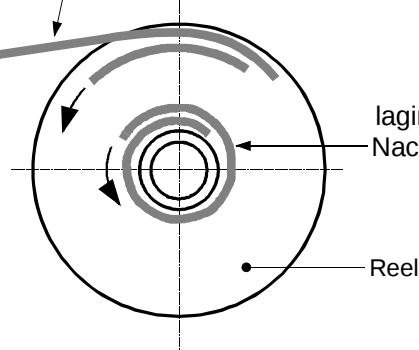
packing information / Verpackungsinformation


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

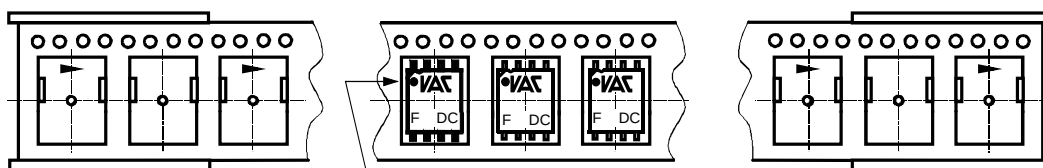
cover tape 400mm longer than carrier tape
 Deckband 400mm länger als Blistergurt

laging 25 empty pockets
 Nachlauf 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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