

K-No.: 24063

Signal Transformer
Date: 24.04.2015

Customer: Standard type

Customers part No.:
Page 1 of 3

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

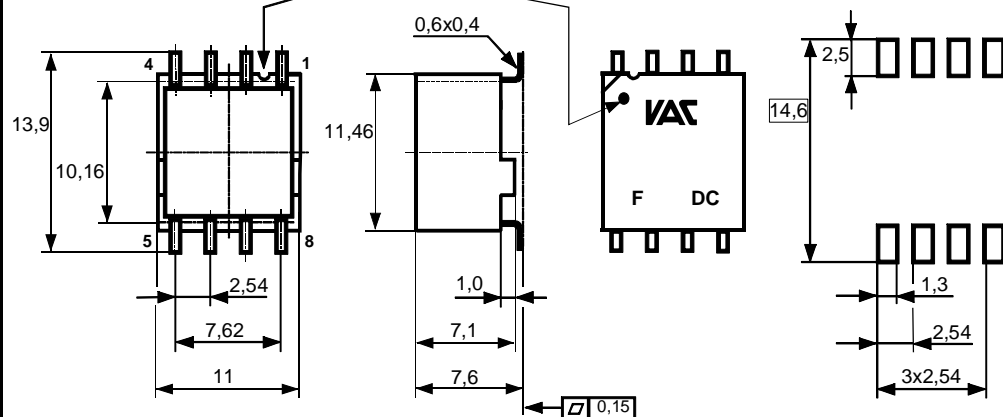
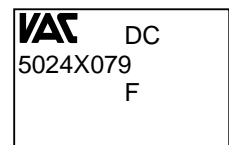
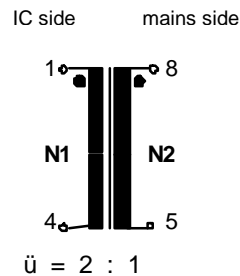
 Toleranz der Stiftabstände
 $\pm 0,2$ mm
 (Tolerances grid distance)

 Kennzeichnung Stift 1
 (marking pin 1)

 DC=Date Code
 F=Factory

 Vorschlag zur Anordnung
 der Anschlußflächen
 (Example for pad position)

Connections:

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

Beschriftung:
 marking

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

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

- | | | | | |
|----|------------|----------|--|---|
| 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.

Editor: KB-E	Design: Bs.	KB-PM: Ert. check	released: HH
--------------	-------------	----------------------	--------------

K-No.: 24063

Signal Transformer

Date: 24.04.2015

Customer: Standard type

Customers part No.:

Page 2 of 3

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

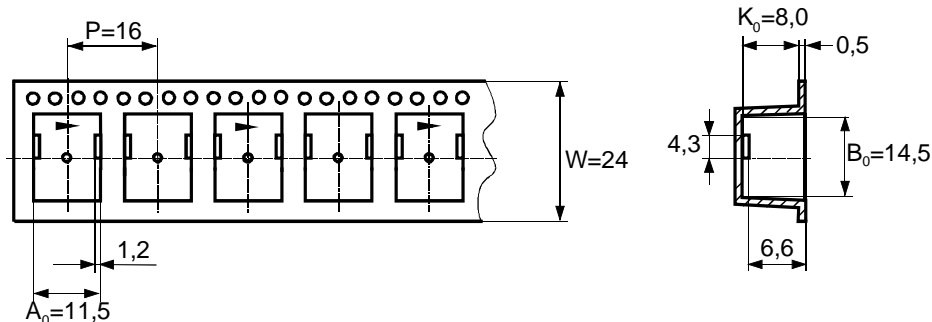
Editor: KB-E

Design: Bs.

KB-PM: Ert.
check

released: HH

packing information / Verpackungsinformation



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

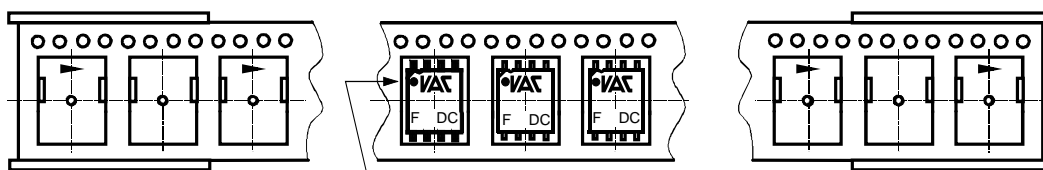
leading 25 empty pockets
Vorlauf 25 leere Nester

laging 25 empty pockets
Nachlauf 25 leere Nester

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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Vacuumschmelze:](#)

[T60403-K5024-X079](#)