

K-No.: 24063

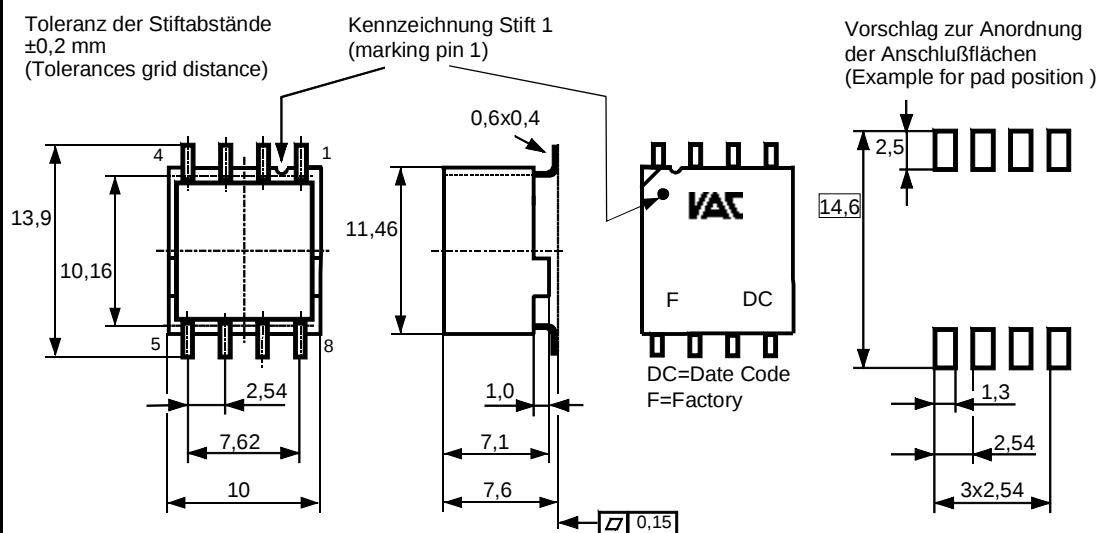
Signal Transformer

Date: 13.07.2009

Customer : Standard type

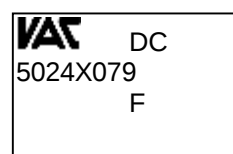
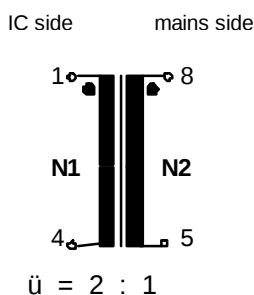
Customers part No.:

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


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: $-40 \text{ }^{\circ}\text{C} \dots +120 \text{ }^{\circ}\text{C}$
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
13.07.09	Bs	82	Datasheet revised. HV-test adapted to EN 60950. Insulation material group 3. M3291, M3200 added. ÄA-652
15.07.04	Sc	82	Operational data and M3014 changed. Type test and applicable documents added. ÄA-692

Editor: KB-E	Design: BS.	KB-PM: Pf. check	released: prs.
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		Specification		Item No.: T60403-K5024-X079	
K-No.: 24063		Signal Transformer			Date: 13.07.2009
Customer Standard type			Customers part No.:		Page 2 of 3
Type test					
1) HV transient test according to M3064 N1 gegen/to N2 Settings: 1.2 μ s / 50 μ s-waveform $U_{P,max}$ = 6 kV R_i = 40 Ω 10 pulses in a cycle of t = 10 seconds with changing polarity					
2) High voltage test according to M3014 $U_{p,eff}$ = 3 kV, 1 min, N1 gegen/to N2					
Measurements after temperature balance of the test samples at room temperature *preliminary					
Applicable documents:					
Constructed, manufactured and tested in accordance to EN 60950 (VDE 0805, UL1950)) and agrees with the standards.					
Parameters: Reinforced insulation: N1-N2 Working voltage: 400 V r.m.s. overvoltage category: 3 Pollution degree: 2 Insulation material group: 3					
Housing material, casting resin and wire UL – listed					
<u>Packing:</u> Drypack / MSL according VAC M3027					
Editor: KB-E		Design: Bs.		KB-PM: Pf. check	
				released: prs.	

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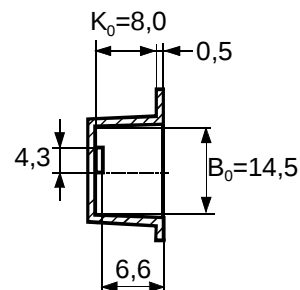
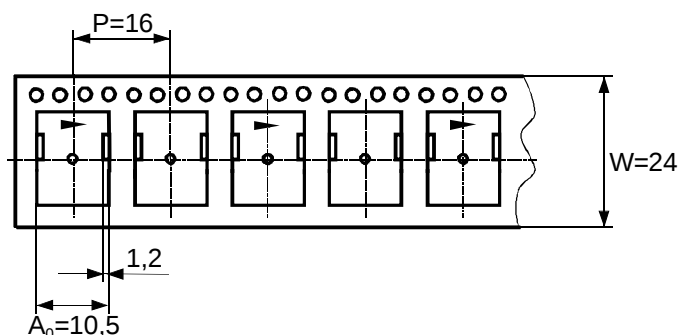
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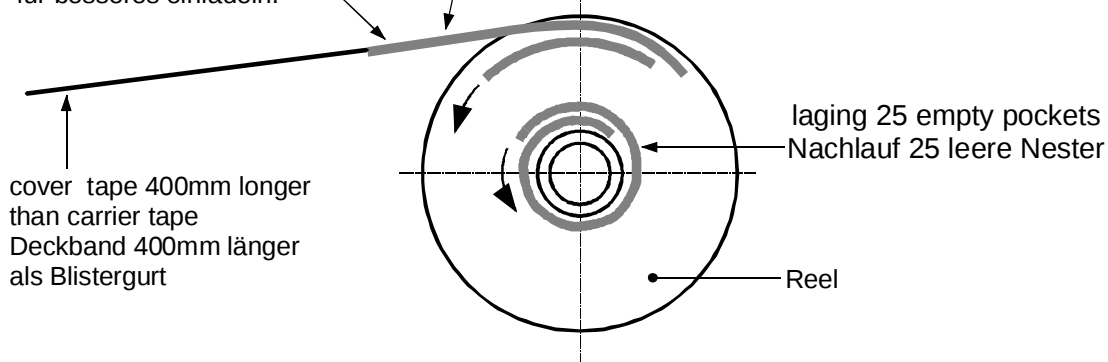
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packing information / Verpackungsinformation


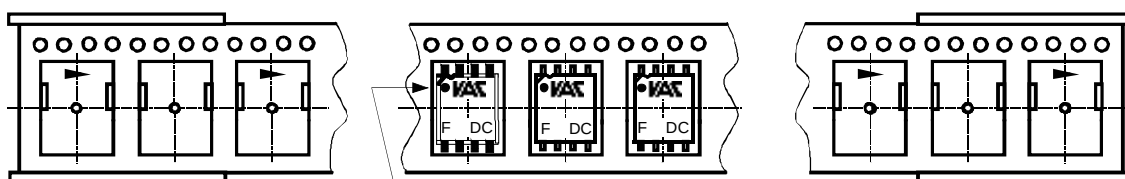
the first two nests must be crushed for better pockets.
 Die ersten zwei Nester gequetscht für besseres einfädeln.

leading 25 empty pockets
 Vorlauf 25 leere Nester



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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