VACUUMSCHMELZE	**DATENBLATT / Specification**	**Sach Nr.:** **T60403-K5032-X102** Item no.:

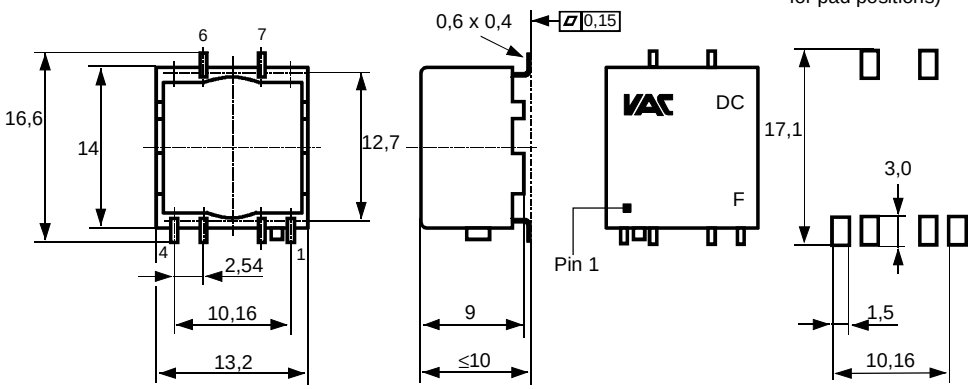
K-No.: 25606	Powerline transformer	Date: 26.03.2015
Customer:	Customers part no.:	Page 1 of 3

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

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

DC= Date Code
F = Factory

Vorschlag zur Anordnung der Anschlussflächen
(Example
for pad positions)



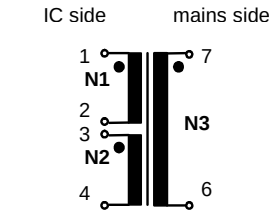
Connections:
No. 1, 2, 3, 4, 6, 7

Removed pins:
No. 5, 8

Beschriftung:
marking

DC
5032X102
F

Schematic diagram:



ü = 1 : 1 : 2

Operational data/characteristic data (nominal values):

f = 10…1000 kHz

I_{RMS} < 100 mA (50/60Hz)

$R_{Cu1} \leq 135\ m\Omega$; $R_{Cu2} \leq 135\ m\Omega$, $R_{Cu3} \leq 230\ m\Omega$

Operating temperature: -40 °C ... +120 °C
Storage temperature: -40 °C ... + 85 °C

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

1)	(V)	M3014:	$U_{t,r.m.s.}$ = 6,5 kV,	2 s,	N3 vs N1+2
			$U_{t,\ r.m.s.}$ = 0,5 kV,	2 s,	N1 vs N2
2)	(AQL 0,25)	M3011/1:	$L_3 \geq$ 700 µH,	f = 10 kHz,	$U_{AC,r.m.s.}$ = 100 mV
3)	(V)	M3011/6:	Polarity, turns ratio:	Tolerance ± 2 %	

see page 2

Applicable documents: see page 2

Date	Name	Index	Change
26.03.15	Bs	82	Typo: storage temperature changed from +120°C ==> +85°C. Lapiary change
22.07.14	Pf.	82	Characteristic data: I_{DC} < 100 mA changed to I_{RMS} < 100 mA (50/60Hz). Lapidary change

Hrsg.: KB-E editor	Bearb: Bs designer		KB-PM: Ert. check			freig.: HH released

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

4) (Fix05) M3291: Solderability test acc. to chapter 1

5) (AQL 1/S4) M3200: Mechanical test

Type test

1) High voltage test according to M3014

$U_{t, r.m.s.}$ = 7,5 kV, 1 min, N1+N2 gegen/vs N3

2) M3292: Resistance to soldering heat acc. to chapter 2

Measurements after temperature balance of the test samples at room temperature

Applicable documents:

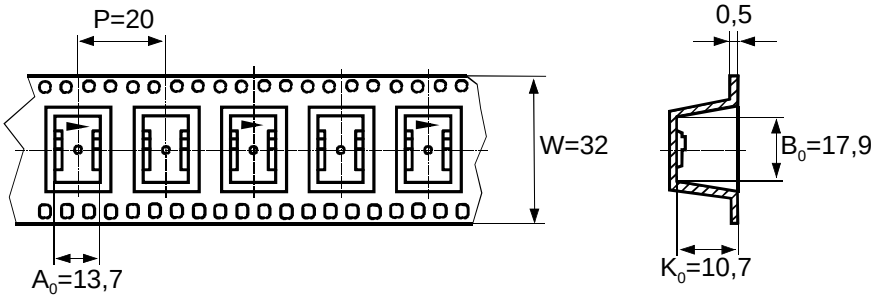
Constructed, manufactured and tested in accordance to EN 60950 (IEC 950) and agrees with the standards.

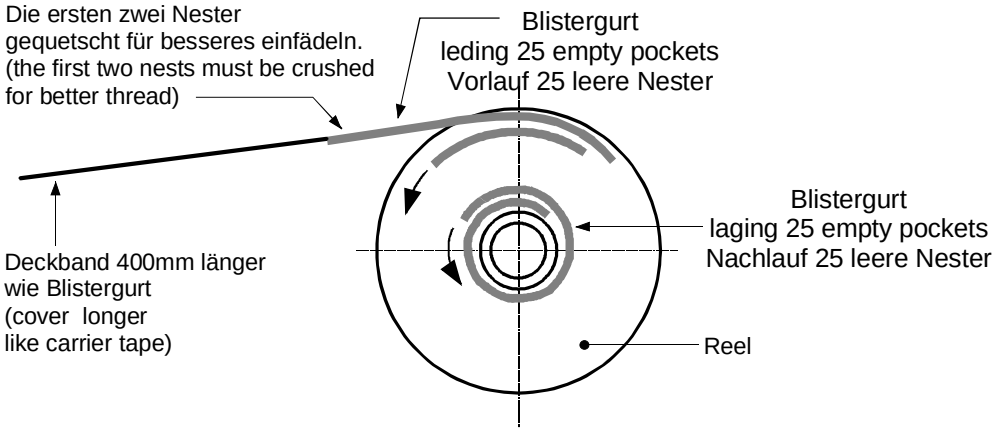
Parameters:		and / or	
	Reinforced insulation: N1+N2 to N3		Reinforced insulation: N1+N2 to N3
	Working voltage: 450 V r.m.s.		Working voltage: 300 V r.m.s.
	Overvoltage category: 3		Overvoltage category: 4
	Pollution degree: 2		Pollution degree: 2
	Insulation material group: 3		Insulation material group: 3

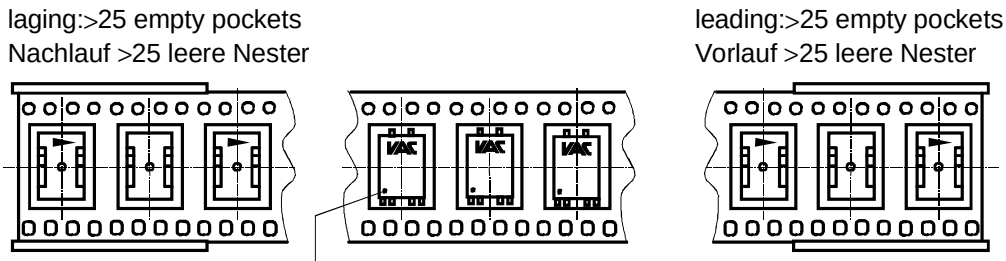
Housing material, casting resin and wire UL – listed

<u>Packing:</u> Drypack / MSL according VAC M3027

packing information / Verpackungsinformation







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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