

K-Nr.: 26581
 K-no.:

Powerline Transformer

 Datum: 11.03.2015
 Date:

 Kunde: Typenelement / Standard Type
 Customer

 Kd. Sach Nr.:
 Customers part no.:

 Seite 1 von 2
 Page of

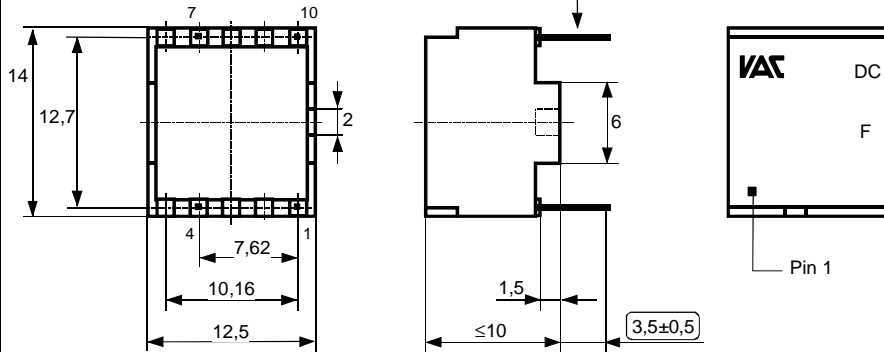
 Maßbild (mm): Freimaßtoleranz DIN ISO 2768-c
 Mechanical outline General tolerances

 Anschlüsse:
 Connections:

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

 Pin 0,66x0,45 alternativ 0,5 (0,52) x 0,5(0,52) DC = Date Code
 Pin 0,66x0,45 alternative 0,5 (0,52) x 0,5(0,52) F = Factory

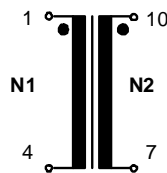
○ = Prüfmaß / test dimension


 Beschriftung
 (marking):

 Anschlußschema:
 Schematic diagram

 Betriebsdaten/Charakteristische Daten (Richtwerte):
 Operational data/characteristic data (nominal values):

IC side mains side


 $\ddot{u} = 1,37 : 1$
 $f = 10 \dots 1000 \text{ kHz}$
 $I_{\text{RMS}} < 120 \text{ mA}$ (50/60 Hz) (related to N2)

 $R_{\text{Cu1}} \leq 280 \text{ m}\Omega$; $R_{\text{Cu2}} \leq 220 \text{ m}\Omega$

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

 Storage temperature: $-40 \text{ }^\circ\text{C} \dots +85 \text{ }^\circ\text{C}$

 Prüfung: (V: 100%-Test; AQL...: DIN ISO 2859-Teil1; SC = significant characteristic)
 Inspection

See page 2

Weitere Vorschriften:

Applicable documents

Datum	Name	Index	Änderung
11.03.15	Bs	81	Typo. Inspection 2), sample size AQL 0,25 changed to V. Lapidary change

 Hrsg.: KB-E
 editor

 Bearb.: Bs.
 designer

 KB-PM: BP.
 check

 freig.: HH
 released

K-Nr.: 26581
 K-no.:

Powerline Transformer

Datum: 11.03.2015

Date:

 Kunde: Typenelement / Standard Type
 Customer

 Kd. Sach Nr.:
 Customers part no.:

 Seite 2 von 2
 Page of

 Prüfung: (V: 100%-Test; AQL...: DIN ISO 2859-Teil1; SC = significant characteristic)
 Inspection

- | | | | | | |
|----|------------|----------|--------------------------------------|------------------------|---------------------------------------|
| 1) | (V) | M3014: | $U_{p,r.m.s.} = 6,5 \text{ kV}$, | 2 s, | N1 vs N2 |
| 2) | (V) | M3011/1: | $L_1 \geq 800 \mu\text{H}$, | $f = 10 \text{ kHz}$, | $U_{AC,r.m.s.} = 100 \text{ mV}$ (SC) |
| 3) | (V) | M3011/6: | Polarity, turns ratio: | Tolerance $\pm 2 \%$ | |
| 4) | (Fix05) | M3290: | Solderability test acc. to chapter 1 | | |
| 5) | (AQL 1/S4) | M3200: | Mechanical test | | |

 Typprüfung:
 Type test

- 1) High voltage test according to M3014
 $U_{p,r.m.s.} = 7,5 \text{ kV}$, 1 min, N1 gegen/vs N2
- 2) M3292: Resistance to soldering heat acc. to chapter 2

 Messungen nach Temperaturgleich der Prüflinge an Raumtemperatur
 Measurements after temperature balance of the samples at room temperature

Applicable documents:

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

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

Housing material, casting resin and wire UL – listed

 Hrsg.: KB-E
 editor

 Bearb: Bs.
 designer

 KB-PM: BP.
 check

 freig.: HH
 released