

K-Nr.: 25848
 K-no.:

Ignition transformer

 Datum: 17.12.2010
 Date:

 Kunde:
 Customer

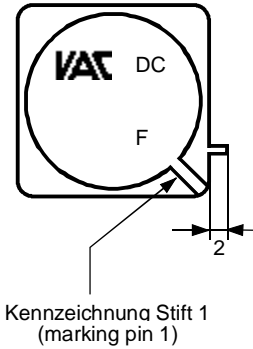
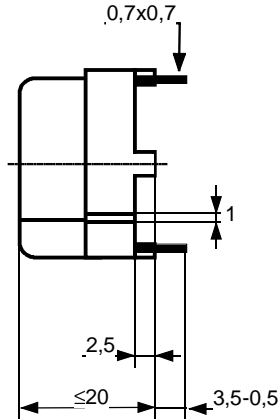
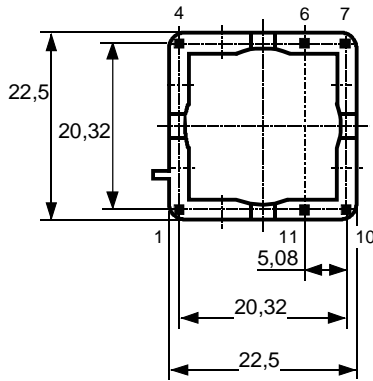
 Kd. Sach Nr.:
 Customers part no.:

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

 Anschlüsse:
 Connections:

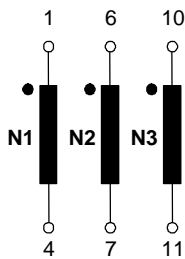
 Toleranz der Stiftabstände ±0,2mm
 (Tolerances grid distance)

 DC=DateCode
 F=Factory

 Beschriftung:
 marking

 4615X066
 F DC

 Anschlussschema:
 Schematic diagram

Operational data/characteristic data (nominal values):



ü = 1 : 1,2 : 1,2

 $L_{S1} \approx 0,5 \mu\text{H}$ (L2, L3 shortened, $f=100\text{kHz}$, $I_{\text{eff}}=10 \text{ mA}$)
 $C_{k1-2} \approx 21 \text{ pF}$ ($f=1\text{kHz}$, $U_{\text{eff}}=100\text{mV}$)
 $C_{k1-3} \approx 25 \text{ pF}$ ($f=1\text{kHz}$, $U_{\text{eff}}=100\text{mV}$)
 $C_{k2-3} \approx 29 \text{ pF}$ ($f=1\text{kHz}$, $U_{\text{eff}}=100\text{mV}$)

 System voltage: $1000 V_{\text{DC}}$ $f = 100 \text{ kHz}$
 Recurring peak voltage: $1400V_p$ $\int U_{\text{eff}} dt \geq 250 \mu\text{Vs}$

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

- | | | | | |
|---------------|---------|------------------------------------------|------|---------------------|
| 1) (V) | M3014 | $U_{p,\text{eff}} = 5,0 \text{ kV}$, | 2 s, | N gegen/vs N |
| 2) (AQL 1/S4) | M3024 | $U_{p,\text{eff}} = 1,65 \text{ kV}$, | 2 s, | N gegen/vs N |
| | | $U_{\text{TA, eff}} \geq 1,1 \text{ kV}$ | | |
| 3) (V) | M3011/6 | Polarity / Turns ratio: | | Tolerance $\pm 2\%$ |

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 Weitere Vorschriften
 Applicable documents

Datum	Name	Index	Änderung
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 Hrsg.: KB-E
 editor

 Bearb: Sc
 designer

 KB-PM IA: Leh.
 check

 freig.: HS
 released

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

- | | | | | |
|---------------|---------|--------------------------------------------|--------------------------------------------------------|---------------------------------------------------|
| 4) (AQL 1/S4) | M3011/5 | $R_{Cu1} = 260 \text{ m}\Omega \pm 15\%$; | $R_{Cu2} = 290 \text{ m}\Omega \pm 15\%$; | $R_{Cu3} = 290 \text{ m}\Omega \pm 15\%$ |
| 5) (AQL 1/S4) | M3011/4 | Settings (N2):
Test value: | $U_E = 15,12 \text{ V}$,
$I_p \leq 122 \text{ mA}$ | $t_d = 20 \mu\text{s}$,
$f_p = 1 \text{ kHz}$ |
| 6) (Fix 05) | M3290 | Solderability test acc. to chapter 1 | | |
| 7) (AQL 1/S4) | M3200 | Mechanical test | | |

Type test:

AC-test acc. to M3014 $U_{p,eff} = 5,0 \text{ kV}$, 60 s, N gegen/vs N

Measurements after temperature balance of the test samples at room temperature

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