

K-Nr.: 25848  
 K-no.:

Ignition transformer

 Datum: 17.12.2010  
 Date:

 Kunde:  
 Customer

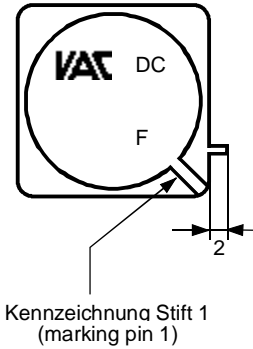
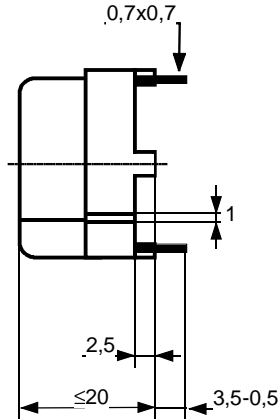
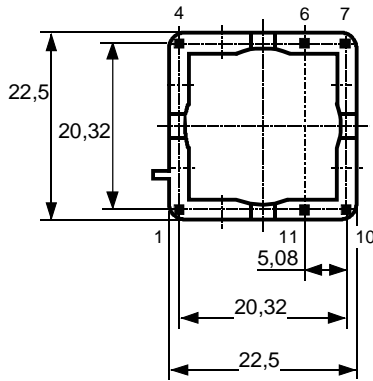
 Kd. Sach Nr.:  
 Customers part no.:

 Seite 1 von 2  
 Page of

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

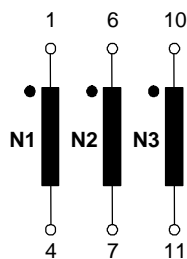
 Anschlüsse:  
 Connections:

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

 DC=DateCode  
 F=Factory

 Kennzeichnung Stift 1  
 (marking pin 1)

 Beschriftung:  
 marking


 4615X066  
 F DC

 Anschlussschema:  
 Schematic diagram


ü = 1 : 1,2 : 1,2

Operational data/characteristic data (nominal values):

 $L_{S1} \approx 0,5 \mu\text{H}$  (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 $\pm 2\%$ |

 Siehe Seite 2  
 See page 2

 Weitere Vorschriften  
 Applicable documents

Datum	Name	Index	Änderung
		81	

 Hrsg.: KB-E  
 editor

 Bearb: Sc  
 designer

 KB-PM IA: Leh.  
 check

 freig.: HS  
 released

K-Nr.: 25848 K-no.:	Ignition transformer	Datum: 17.12.2010 Date:
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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):<br>Test value:              | $U_E = 15,12 \text{ V}$ ,<br>$I_p \leq 122 \text{ mA}$ | $t_d = 20 \mu\text{s}$ ,<br>$f_p = 1 \text{ kHz}$ |
| 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

Hrsg.: KB-E editor	Bearb: Sc designer	KB-PM IA: Leh. check	freig.: HS released
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