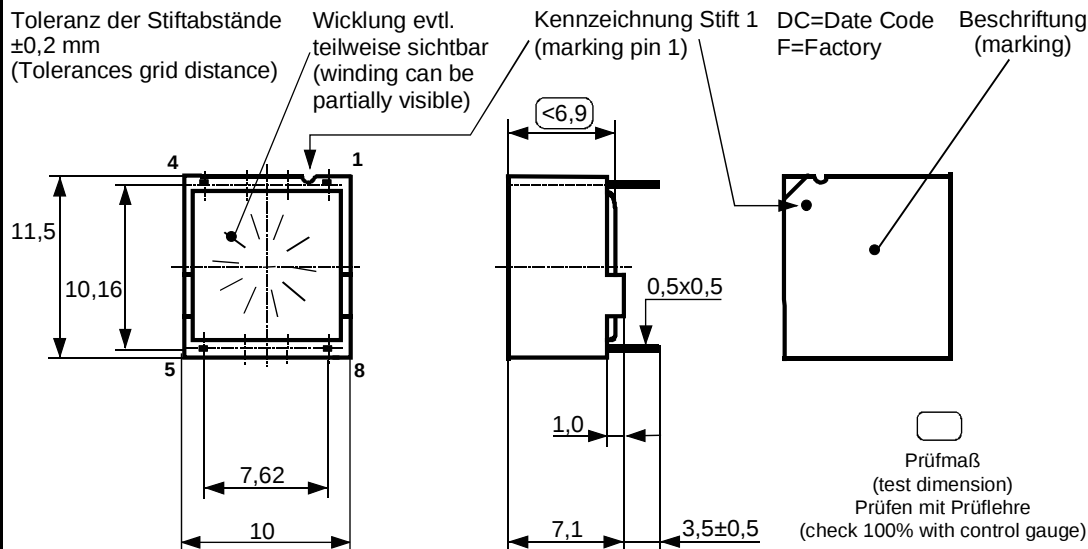


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Maßbild (mm): Freimaßtoleranz DIN ISO 2768-c
 Mechanical outline General tolerances

Connections:
 No. 1, 4, 5, 8

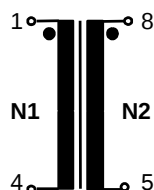


Beschriftung:
 marking



4081X008
 F DC

Anschlußschema:
 Schematic diagram



Turns ratio = 1,36 : 1

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

$f = 10 \text{ kHz} \dots 1 \text{ MHz}$

$I_{\text{RMS}} < 32 \text{ mA}$ (50/60Hz) (related to N2)

$R_{\text{Cu1}} \leq 170 \text{ m}\Omega$; $R_{\text{Cu2}} \leq 130 \text{ m}\Omega$

$L_{\text{S1-2}} \leq 0,8 \mu\text{H}$; $C_{\text{K1-2}} \leq 25 \text{ pF}$

Betriebstemperatur/ Operating temperature: $-40^\circ\text{C} \dots +85^\circ\text{C}$

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

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

See page 2

Weitere Vorschriften:

Applicable documents

Datum	Name	Index	Änderung
22.07.14	Pf.	81	Characteristic data: $I_{\text{DC}} < 32 \text{ mA}$ changed to $I_{\text{RMS}} < 32 \text{ mA}$ (50/60Hz). Lapidary change.
25.11.13	Bs	81	Height of the component changed from $<6,5 \rightarrow <6,9$, lapidary change

Hrsg.: KB-E editor	Bearb: Bs designer	KB-PM: Pf. check	freig.: HH released
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Kunde: Standard Type Customer	Kd. Sach Nr.: Customers part no.:	Seite 2 von 2 Page of

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

- 1) (V) M3014: $U_{p,r.m.s.} = 5,5 \text{ kV}$, 2s, N1 vs N2
- 2) (V) M3011/6: Polarity / Turns ratio: Tolerance $\pm 2\%$ (SC)
- 3) (AQL 0,25) M3011/1: $L_2 = 1,2 \text{ mH} \pm 30\%$, $f = 10 \text{ kHz}$, $U_{AC,r.m.s.} = 100 \text{ mV}$
- 4) (Fix 05) M3290: Solderability acc. to chapter 1
- 5) (V) M3200: Mechanical test of winding height 6,9 mm

Type test:

- 1) (Fix 05) M3014: High voltage test
 $U_{p,r.m.s.} = 6 \text{ kV}$, 1 min, N1 vs N2,
Tested parts should be scrapped.
- 2) (Fix 05) M3292: Resistance to soldering heat acc. to chapter 1
Tested parts should be scrapped.

Measurements after temperature balance of the test samples at room temperature

Applicable documents:

Designed, manufactured and tested in accordance with EN 60950-1 and complies with the standards.

Parameters: Reinforced insulation: N1 – N2

Working voltage $U_{r.m.s.} = 250 \text{ V}$

Overvoltage category: 3

Material group: 3

Pollution degree: 2

Housing material, casting resin and wire UL - listed

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