



Sample Kit

Frame Core Chokes

Series B82733F*
for power lines



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Frame Core Chokes – Series B82733F* for power lines

L_R -30/+50%	mH	10	15	27	39	47	68	100
I_{R typ}	A	2.3	1.9	1.4	1.2	1.1	0.9	0.7
L_{stray typ}	μH	200	310	530	800	970	1440	2100
R_{typ}	mΩ	188	279	440	696	804	1100	1810
Ordering code	B82733F*	2232	2192	2142	2122	2112	2901	2701

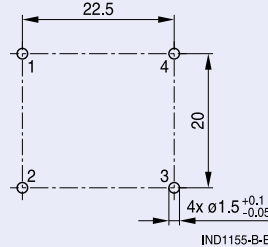
Technical data

- Rated current: I_R at 50 Hz and T_A = 40 °
- Rated voltage 300 V AC / 500 V DC
- Clearance and creepage distances: >4 mm
- Design complies with IEC/EN 60938-2 (VDE 0565-2) and UL/IEC 60939-3
- VDE/ENEC10 and UL/ENEC15 approvals
- High inductance with low resistance
- Approx. 2% stray inductance for symmetrical interference suppression
- RoHS-compatible

Dimensional drawing and layout recommendation

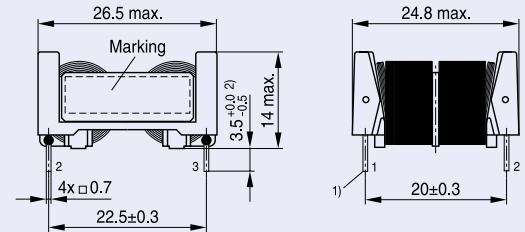
B82733F (horizontal version)

Recommended PCB layout (top view)



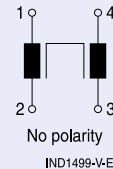
Part tolerances to ISO 2768-c / ISO 8015.
Size ISO 14405 (E)
All dimensions in mm

IND2140-B-E



- ¹⁾ Tin tips permissible
- ²⁾ Dimension does not include tin tip

IND2208-N-E



Content: 2 pcs. per ordering code

B82733F2232

B82733F2192

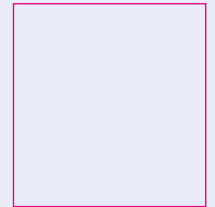
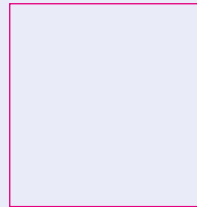
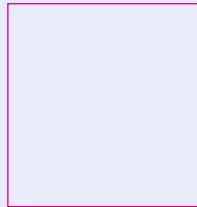
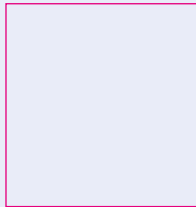
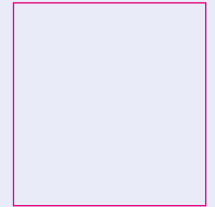
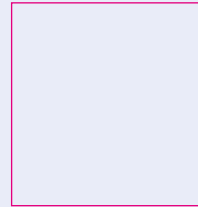
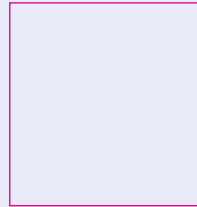
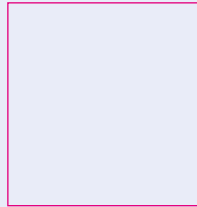
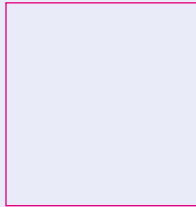
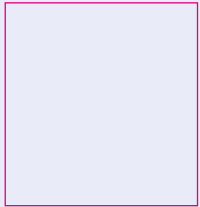
B82733F2142

B82733F2122

B82733F2112

B82733F2901

B82733F2701



Important information: It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.