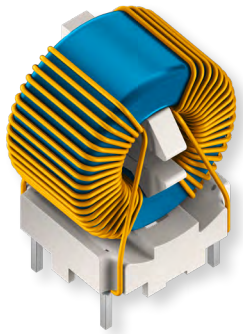
Sample Kit

Ring Core Chokes

Series B82722V6*B040
for power lines – 1250 V DC



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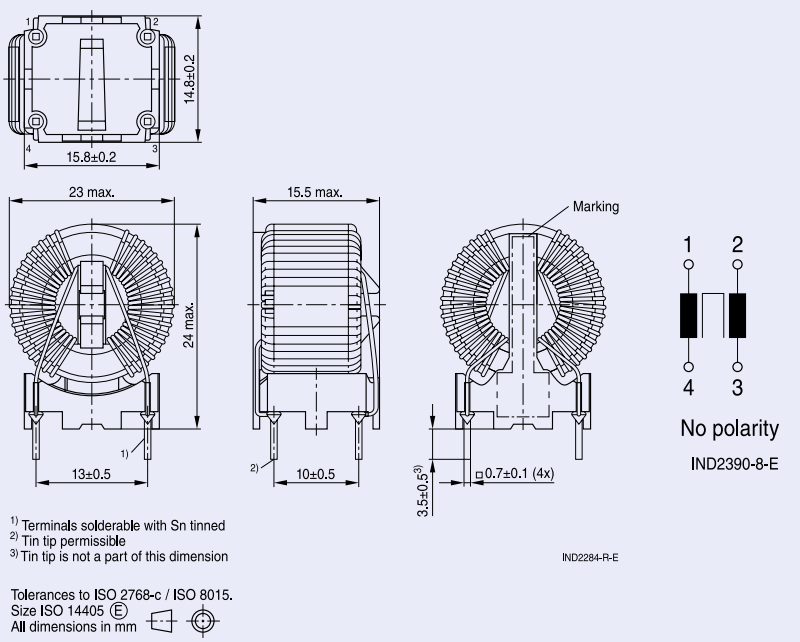
Ring Core Chokes: Series B82722V6*B040 for power lines – 1250 V DC

L_R –30/+50%	mH	22	15	10	6.8	4.7	3.3
$I_{R\ typ}$	A	0.85	1.10	1.50	2.00	2.50	3.00
$L_{stray\ typ}$	µH	130	92	61	40	28	20
R_{typ}	mΩ	550	320	188	115	76	53
Ordering code	B82722V*	6851B040	6112B040	6152B040	6202B040	6252B040	6302B040

Technical data

- Rated current: I_R at 50/60 Hz and T_A = 70 °
- Rated voltage 630 V AC (50/60 Hz) / 1250 V DC
- Suitable for wave soldering
- Design complies with IEC 60938-2 (630 V AC, 50/60 Hz, PIII and 1250 V DC DC-link, PII)
- High resonance frequency due to special winding technique
- Approx. 0.6% stray inductance for symmetrical interference suppression
- RoHS-compatible

Dimensional drawing and pin configuration



1) Terminals solderable with Sn tinned
2) Tin tip permissible
3) Tin tip is not a part of this dimension

Tolerances to ISO 2768-c / ISO 8015.
Size ISO 14405 Ⓔ
All dimensions in mm

IND2200-F-E

Content: 2 pcs. per ordering code

B82722V6851B040
0.85 A

B82722V6112B040
1.10 A

B82722V6152B040
1.50 A

B82722V6202B040
2.00 A

B82722V6252B040
2.50 A

B82722V6302B040
3.00 A

B82722V6851B040
0.85 A

B82722V6112B040
1.10 A

B82722V6152B040
1.50 A

B82722V6202B040
2.00 A

B82722V6252B040
2.50 A

B82722V6302B040
3.00 A

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.