

规格承认书

Specification for approval

产品名称：共模磁环电感

Product Type: 2.2 mH \pm 30% Common Mode Filter

Ferrite Toroidal Inductor 16A Idc 7.1m Ω Rdc Magnetic Core

Toroidal Power Line Choke Coil

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1. Construction

- Current-compensated ring core double choke
- Ferrite core
- Polycarbonate base plate (UL 94 V-0)
- Choke fixed on base plate with snap-in
- Sector winding
- Clearance ³ 5 mm, creepage distance ³ 5 mm

2. Features

- Approx. 1% stray inductance
- for symmetrical interference suppression
- Suitable for wave soldering
 - Design complies with EN 60938-2 (VDE 0565-2)
 - RoHS-compatible

3. Applications

- Suppression of common-mode interferences
- Switch-mode applications

Terminals

- Ends of winding wires
- Hot-dip tinned

4. Cautions and warnings

- Please note the recommendations in our Inductors data book (latest edition) and in the data sheets. – Particular attention should be paid to the derating curves given there. Derating must be applied in case the ambient temperature in the application exceeds the rated temperature of the component. – Ensure the operation temperature (which is the sum of the ambient temperature and the temperature rise caused by losses / self-heating) of the component in the application does not exceed the maximum value specified in the climatic category. – The soldering conditions should also be observed. Temperatures quoted in relation to wave soldering refer to the pin, not the housing.
- If the components are to be washed varnished it is necessary to check whether the washing varnish agent that is used has a negative effect on the wire insulation, any plastics that are used, or on glued joints. In particular, it is possible for washing varnish agent residues to have a negative effect in the long-term on wire insulation. Washing processes may damage the product due to the possible static or cyclic mechanical loads (e.g. ultrasonic cleaning). They may cause cracks to develop on the product and its parts, which might lead to reduced reliability or lifetime.
- The following points must be observed if the components are potted in customer applications: – Many potting materials shrink as they harden. They therefore exert a pressure on the plastic housing or core. This pressure can have a deleterious effect on electrical properties, and in extreme cases can damage the core or plastic housing mechanically. – It is necessary to check whether the potting material used attacks or destroys the wire insulation, plastics or glue. – The effect of the potting material can change the high-frequency behaviour of the components.
- Ferrites are sensitive to direct impact. This can cause the core material to flake, or lead to breakage of the core.

5. Specification

Part number	Inductance	A	B	C	D	working frequency
T16-26,52	1.0uH-10.0uH	6	3.5	6	2.5	10.0-100.0KHZ
T20-26,52	1.0uH-10.0uH	7	4	7	3	10.0-100.0KHZ
T25-26,52	1.0uH-15.0uH	8.5	4.5	8.5	3.5	10.0-100.0KHZ
T26-26,52	1.0uH-25.0uH	8.5	7	8.5	6	10.0-100.0KHZ
T30-26,52	2.0uH-30.0uH	10	5.5	10	4.5	10.0-100.0KHZ
T37-26,52	2.0uH-35.0uH	12	5.5	12	4.5	10.0-100.0KHZ
T38-26,52	2.0uH-45.0uH	12	7	12	6	10.0-100.0KHZ
T44-26,52	3.0uH-50.0uH	13	6	13	5	10.0-100.0KHZ
T50-26,52	5.0uH-60.0uH	15	8	15	6	10.0-100.0KHZ
T51-26,52	5.0uH-60.0uH	12	8.5	12	7	10.0-100.0KHZ
T60-26,52	5.0uH-70.0uH	18	8.5	18	7	10.0-100.0KHZ
T68-26,52	5.0uH-75.0uH	21	8.5	21	7	10.0-100.0KHZ
T72-26,52	5.0uH-75.0uH	21	9	21	7	10.0-100.0KHZ
T80-26,52	5.0uH-80.0uH	24	9	24	8	10.0-100.0KHZ
T90-26,52	5.0uH-80.0uH	27	13	27	11	10.0-100.0KHZ
T94-26,52	5.0uH-80.0uH	27	11	27	9	10.0-100.0KHZ
T106-26,52	5.0uH-80.0uH	31	14	31	12	10.0-100.0KHZ
T130-26,52	0.5mH-3.0mH	36	14	36	12	10.0-100.0KHZ
T131-26,52	0.5mH-3.0mH	36	14	36	12	10.0-100.0KHZ
T141-26,52	0.7mH-3.2mH	39	14	39	12	10.0-100.0KHZ
T150-26,52	1.0mH-3.5mH	42	14	42	12	10.0-100.0KHZ
T157-26,52	1.0mH-3.5mH	43	17	43	15	10.0-100.0KHZ
T175-26,52	1.0mH-3.7mH	48	19	48	17	10.0-100.0KHZ
T184-26,52	1.0mH-3.5mH	51	22	51	19	10.0-100.0KHZ
T200-26,52	2.0mH-4.0mH	55	28	55	26	10.0-100.0KHZ
T201-26,52	2.0mH-4.0mH	55	25	55	23	10.0-100.0KHZ
T225-26,52	2.0mH-4.0mH	60	18	60	16	10.0-100.0KHZ
T250-26,52	2.0mH-4.0mH	68	30	68	27	10.0-100.0KHZ
T300-26,52	2.0mH-4.0mH	81	40	81	25	10.0-100.0KHZ
T400-26,52	2.0mH-4.0mH	115	50	115	30	10.0-100.0KHZ