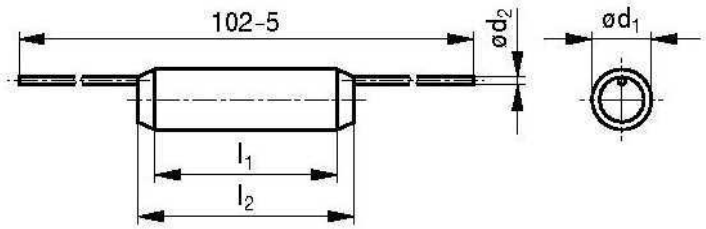
Název: **La = 11uH / 4000mA VHF &EP**

Pozn.: rozměry jsou v mm



Rated voltage 500 V AC/DC
Rated current 2 A to 10 A
Rated inductance 3 µH to 25 µH

Construction

- Ferrite cylinder core
- Winding: single-layer, enamel copper wire, winding ends brought out as leads
- Polyester insulating sleeve

Features

- High resonant frequency
- High rated current
- Suitable for wave soldering
- RoHS-compatible
- ENEC10 approval

Applications

- RF blocking and filtering
- Interference suppression in small appliances

Terminals

- Central axial leads
- Base material Cu
- Hot-dip tinned with pure tin

Marking

L_R and I_R in clear text and approval mark

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I_R	L_R µH	R_{typ} Ω	f_{res} MHz	Dimensions (mm) $l_{1-1.5}$	l_{2-3}	$d_{1\ max.}$	d_2	Approx. weight g
4	11	0.020	150	24.5	29	6.5	0.71	6.0

Technical data and measuring conditions

Test voltage V_{test}	2500 V AC, 1 min
Rated inductance L_R	Measured with LCR meter Agilent 4284A or impedance analyzer Agilent 4294A Measuring frequency: $L_R \le 10$ µH = 1 MHz 10 µH < $L_R \le 1000$ µH = 100 kHz Measuring voltage: 1 V Measuring temperature: 20 °C
Inductance tolerance	±20%
Rated temperature T_R	60 °C
Rated current I_R	Maximum permissible DC current at rated temperature
DC resistance R_{typ}	Measured at 20 °C, tolerance ±20%, typical values
Resonance frequency f_{res}	Measured with Agilent 4294A or 8753ES, 20 °C tolerance ±30%
Solderability (lead-free)	Sn95.5Ag3.8Cu0.7: (245 ±5) °C, (3 ±0.3) s Wetting of soldering area ≥ 90% (to IEC 60068-2-20, test Ta)
Resistance to soldering heat (wave soldering)	(260 ±5) °C, 10 s (to IEC 60068-2-20, test Tb)
Tensile strength of leads	≥ 30 N (to IEC 60068-2-21, test Ua)
Climatic category	55/125/56 (to IEC 60068-1)
Storage conditions	Mounted: –55 °C … +125 °C Packaged: –25 °C … +40 °C, ≤ 75% RH
Approvals	EN 60938

⚠ Mounting information

When bending the leads, take care that the bending point is **at least 3 mm** apart from the face ends of the core and that the start-of-winding areas are not subjected to any mechanical stress.

Semic Trade, s.r.o. www.semic.cz e-mail: semic@semic.cz tel:+420 251 625 331, -32, -77
Volutová 2521/18, 158 00 Praha 5 GSM: +420 605 999 994 fax:+420 251 626 252, -393