Data downloaded from http://www.angliac.com - the website of Anglia - tel: 01945 474747

EPCOS

SMD

Rated inductance 10 µH .. 220 µH

Construction

- Ferrite core
- Winding: enamel copper wire
- Winding soldered to terminals
- Plastic terminal carrier

Features

- High rated current
- Low DC resistance
- Suitable for reflow soldering (IR and vapor phase)

Applications

- Filtering of supply voltages
- Coupling / decoupling
- DC/DC converters
- Automotive electronics

Terminals

- Tinned

Marking

Marking on component:
Manufacturer, L value (in µH)

Minimum marking on reel:
Manufacturer, part number, ordering code,
L value and tolerance
quantity, date of packing

Delivery mode

16–mm blister tape , reel packing
packaging quantity 2000pcs/reel

For the very latest product data and news visit angliac.com

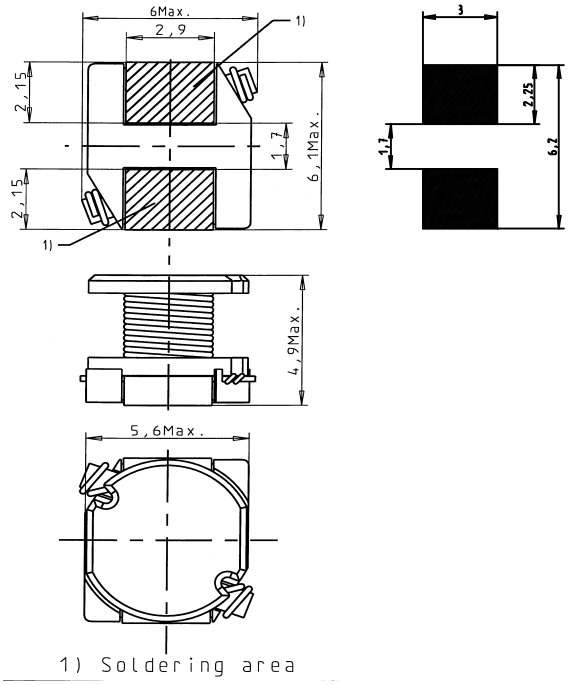
Data downloaded from http://www.angliac.com - the website of Anglia - tel: 01945 474747

SMD

General technical data

Rated inductance L_R	Measured with HP 4284A , measuring voltage 100 mV
Rated current I_R	Maximum permissible DC with temperature increase of ≤ 40 K at ambient temperature of 85 °C
Saturation current I_{sat}	Maximum permissible DC with inductance decrease $\Delta L/L_0 \approx 10\%$
Climatic category	In accordance with IEC 60068–1 55/125/56 (–55 °C/ +125 °C/ 56 days damp heat test)
Solderability	5s, 235°C, wetting > 90%
DC resistance R_{max}	Measured at 20 °C ambient temperature
Weight	Approx. 1 g

Dimensional drawing and layout recommendation



•

For the very latest product data and news visit angliac.com

Data downloaded from http://www.angliac.com - the website of Anglia - tel: 01945 474747

SMD

Characteristics and ordering codes

L_R µH	f_L MHz	Tolerance	I_R A	I_{Sat} A	R_{max} Ω	Ordering code
10	0,1	20 %	1,44	1,80	0,10	B82471–A1103–M
15	0,1	20 %	1,30	1,45	0,14	B82471–A1153–M
22	0,1	20 %	1,11	1,20	0,18	B82471–A1223–M
33	0,1	20 %	0,88	1,00	0,23	B82471–A1333–M
47	0,1	20 %	0,72	0,85	0,37	B82471–A1473–M
68	0,1	10 %	0,61	0,70	0,46	B82471–A1683–K
100	0,1	10 %	0,52	0,60	0,70	B82471–A1104–K
150	0,1	10 %	0,40	0,48	1,10	B82471–A1154–K
220	0,1	10 %	0,35	0,38	1,57	B82471–A1224–K

For the very latest product data and news visit angliac.com