

Size 1812 (EIA) or 4532 (IEC)
Rated inductance 1,0 to 1000 μ H
Rated current 60 to 1300 mA



Construction

- Ferrite core
- Laser-welded winding, flame-retardant encapsulation

Features

- High current handling capability
- Suitable for reflow (IR and vapor phase) and wave soldering
- Same measuring frequency for L and Q

Applications

- Filtering of supply voltages, coupling, decoupling
- Antenna systems
- DC/DC converters
- Automotive electronics (e.g. single-wire CAN)
- Telecommunications

Terminals

- Tinned
- 0,4 μ m Cu, 1–2 μ m Ag, 5–7 μ m Sn
- Base material CuSn6
- Suitable for soldering and conductive adhesion
- No leaching during wave soldering

Marking

Marking on component:
 Manufacturer and letter »T«,
 L value (in μ H) and tolerance of L value (coded),
 date of manufacture (coded)

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

Delivery mode

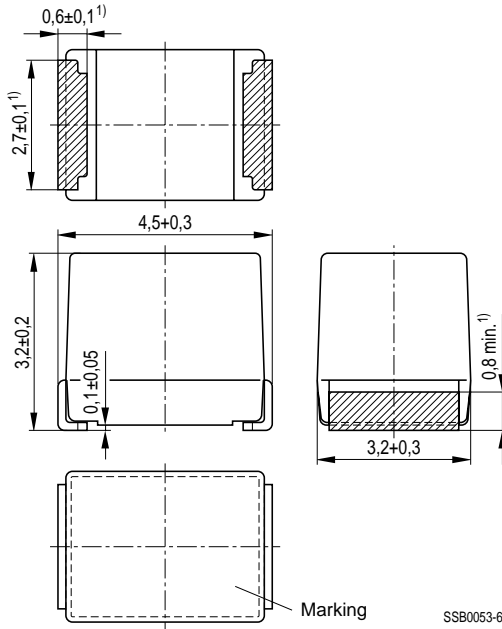
12-mm blister tape, wound on 330-mm \varnothing reel
 For details on taping, packing and packing units [see page 153](#)

Characteristics and ordering codes

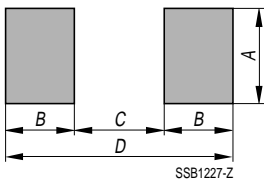
L_R μ H	I_R mA	Ordering code
1 ... 1000	60 ... 1300	B82432-T****-+



Dimensional drawing



Layout recommendation



Dimensions (mm)	A	B	C	D
Wave soldering	3,1	1,7	3,2	6,6
Reflow soldering	3,6	1,3	3,2	5,8

1) Soldering area, tinned