



Sample Kit SMT Current Sense Transformers

EE 12.6 Core Series - B82801C



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Current Sense Transformers - EE 12.6 Core (SMT)

Turns ratio	Np : Ns	1:50	1:100	1 : 150	1:200
L _{min}	μH	1.4	5.6	12.6	22.4
Voltage-time product	V*µs	124	248	372	496
DC resistance R _{max}	primary mΩ	0.28	0.28	0.28	0.28
DC resistance R _{max}	secondary m Ω	400	1000	2200	2900
Ordering code	B82801*	C0145A050	C0565A100	C1265A150	C2245A200

Technical data

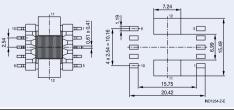
- All values measured at +25 °C ambient temperature
- Frequency range: 50 kHz ... 500 kHz
- Sensed current: The max. primary current of 40 A causes approx. +40 °C temperature rise
- Operating temperature range: -40 °C ... +125 °C
- Tape and reel packing: 32 mm blister tape, 330 mm reel
- Packing units: 200 pcs./reel; 800 pcs./carton



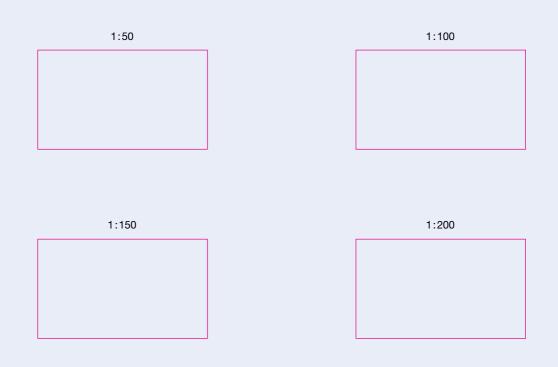


Bottorn View

Recommended PCB layout (Top View)



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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.