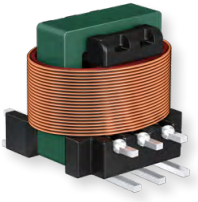


TDK

Sample Kit

SMT Isolated Transformers

E5 Series – B78302*A003



www.tdk-electronics.tdk.com

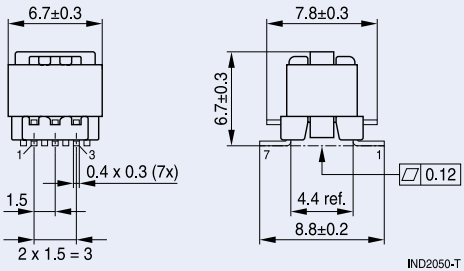
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Resonant Transformers – E5 Core (SMT)

Turns ratio	N1 : N2 : Np	1 : 1 : 10.8	1 : 1 : 11	1 : 1 : 15.3
L (4 - 6)	mH	2	3	4
$R_{DC,\ N1a/N1b/N2}$	Ω	1.1 / 1.1 / 21	1.4 / 1.4 / 26	1.1 / 1.1 / 32
Ordering code	B78302*	A2401A003	A2402A003	A2403A003

Technical data

- All values measured at +25 °C ambient temperature
- Frequency range: 50 ... 300 kHz (typ.)
- Operating temperature range: -40 °C … +125 °C
- High voltage test N1a, N1b/N2: 200 V_{RMS} (50 Hz, 1 s)
- Connect Pins 6 and 7 on PCB for the use of the EMC/immission compensation winding
- MSL Level 1
- RoHS compatible
- AEC-Q200 available
- Blister Tape and reel packing: 30.4 mm blister tape, 380 mm reel
- Packing units: 1000 pcs/reel

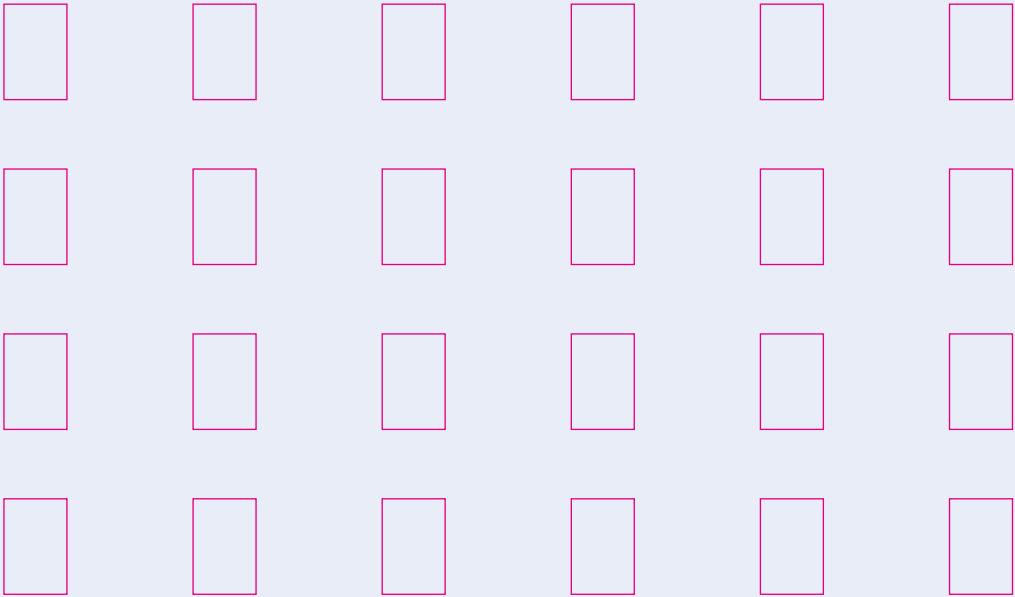


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P302381
B78302A2401A003

P302304
B78302A2402A003

P302382
B78302A2403A003



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 *utions and warnings* must be observed. All relevant information is available through our sales offices.

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