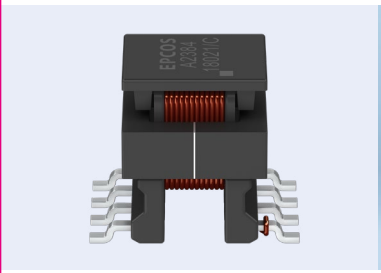
EPCOS Sample Kit 2020

SMT Isolated Transformers

E10 EM Series – B78307A*A003





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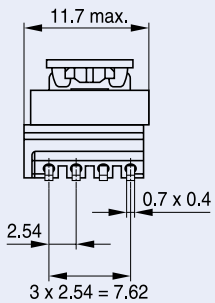
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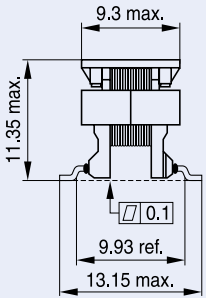
Auxiliary Gate Drive Transformer – E10 EM Series (SMT)

Turns ratio	Np : Ns	1 : 1.08	1 : 0.76	1 : 3.67	1 : 4
L_{min}	µH	100	100	10	2
C_p N1/N2	pF	9	9	6	4
Ordering code	B78307*	*A2276A003	*A9741A003	*A2385A003	*A2338A003

Technical data

- All values measured at +25 °C ambient temperature
- Frequency range: 100 ... 500 kHz (typ.)
- Operating temperature range: –40 ... +150 °C
- Basic insulation, working voltage 500 V RMS
- Reinforced insulation, working voltage 300 V RMS
- High voltage test AC N1/N2: 3000 V AC (50 Hz, 1 s)
- Partial discharge inception voltage N1/N2: >900 V peak (type test)
- Partial discharge extinction voltage N1/N2: >700 V peak (type test)
- Creepage distance N1/N2: >6 mm; cumulative, core floating
- Clearance distance N1/N2: >5.5 mm; cumulative, core floating
- Tape and reel packing: 32 mm blister tape, 380 mm reel
- Packing units: 280 pcs./reel





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P100403 T_R 1 : 1.08	P301519 T_R 1 : 0.76	P300992 T_R 1 : 3.67	P100878 T_R 1 : 4
B78307A2276A003	B78307A9741A003	B78307A2385A003	B78307A2338A003
			
			
			
			

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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