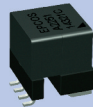
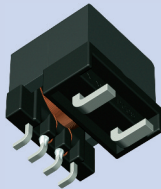
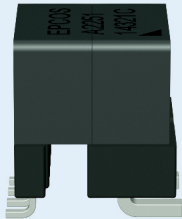


EPCOS Sample Kit 2016

SMT Current Sense Transformers

EP 10 Core Series – B78419X1



SMT Current Sense Transformers - EP 10 Core

Turns ratio	Np : Ns	1 : 50	1 : 70	1 : 100	1 : 125	1 : 180
L _{min} (5-4)	mH	1.7	3.0	7.0	11.0	25.0
Voltage-time product +120 °C	V*μs	117	164	235	294	423
C _p	pF	4	4	4	4	4
R _{max} (1-2)	mΩ	0.5	0.5	0.5	0.5	0.5
R _{max} (4-5)	Ω	1.5	2.1	3.1	4.0	7.4
Recommended R _T	Ω	50	70	100	125	180
Ordering code	B78419A	2288A003	2289A003	2251A003	2290A003	2271A003

- All values specified at +25 °C if not mentioned otherwise, all values without tolerance are typical values
- Typical frequency range: 50 kHz ... 250 kHz
- Sensed current: I_{prim}, RMS ≤ 30 A
- Operating temperature range: -40 °C ... +150 °C (component)
- Tape and reel packing: 32 mm blister tape, 330 mm reel
- Packing units: 200 pcs./reel; 1000 pcs./carton
- Qualified to AEC-Q200
- RoHS compatible
- UL 1446 class 155 (F) electrical insulation system 