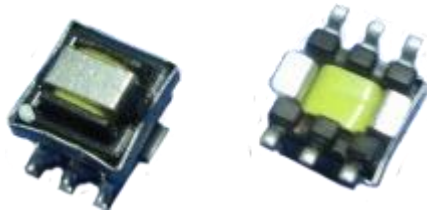


Description:

- Height : 5.5mm MAX
- Footprint : 8.4mmX7.2mm MAX
- Frequency Range : 50kHz to 1MHz
- Operating temperature range: -40°C to +125°C
- Storage temperature range: -40°C to +125°C
- RoHS Compliant version is available



YUAN DEAN SCIENTIFIC



Current Sense Transformers

EE5 SERIES

SMT



ELECTRICAL SPECIFICATIONS@25°C

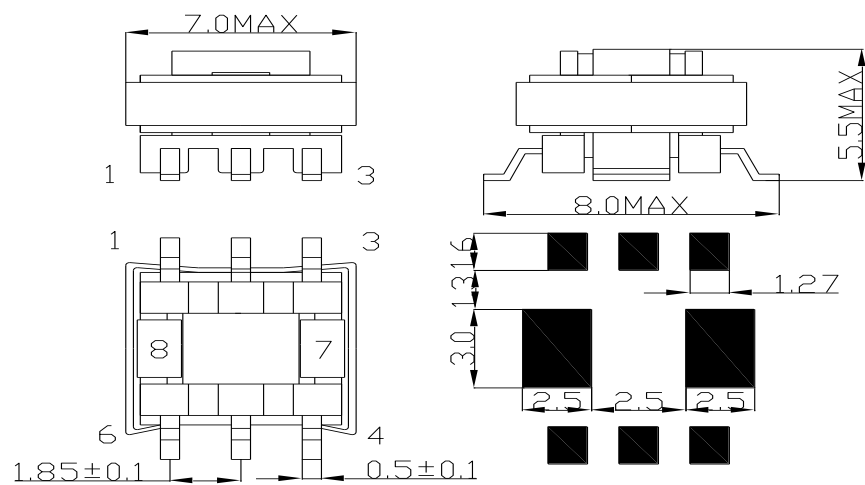
Part Number	Turn Ratio Pri:Sec	Lsec ① (mH MIN)	Current Rating(A) ②	Hi-pot (Vrms)	DCR (mΩMAX)		Schematic
					Pri (mΩMAX)	Sec (ΩMAX)	
05SEE-8001ANL	1:20	0.08	20	500	0.75	0.55	A
05SEE-1811ANL	1:30	0.18	20	500	0.75	0.87	A
05SEE-3211ANL	1:40	0.32	20	500	0.75	1.03	A
05SEE-5012ANL	1:50	0.50	20	500	0.75	1.50	A
05SEE-5011CNL					6.0	1.50	B
05SEE-7211ANL	1:60	0.72	20	500	0.75	1.98	A
05SEE-9811ANL	1:70	0.98	20	500	0.75	4.75	A
05SEE-9811DNL					6.0	4.75	C
05SEE-2023ANL	1:100	2.0	20	500	0.75	5.5	A
05SEE-2021DNL					0.75	5.5	B
05SEE-3021ANL	1:125	3.0	20	500	0.75	6.5	A
05SEE-3021DNL					6.0	6.5	B
05SEE-1231TNL	1:200	8.0	20	500	4.0	33.24	B

① Inductance measured between secondary pins at 10kHz, 0.1Vrms.

② Primary current of 20A causes approximately 40°C temperature rise above 25°C ambient .



Mechanicals and Dimensions



Schematics

