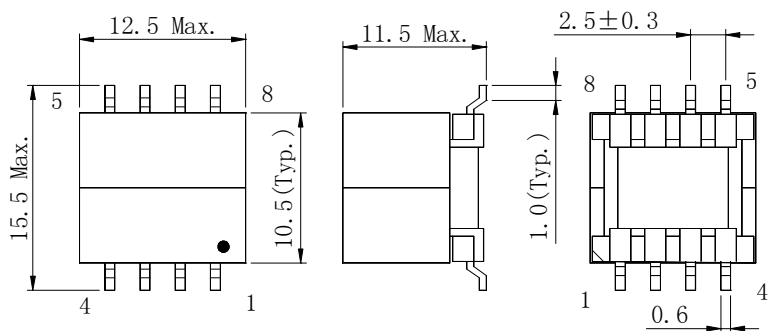
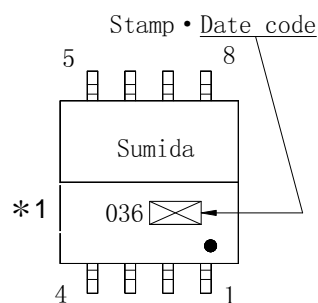
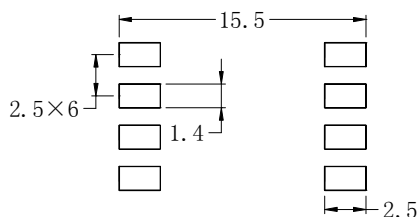
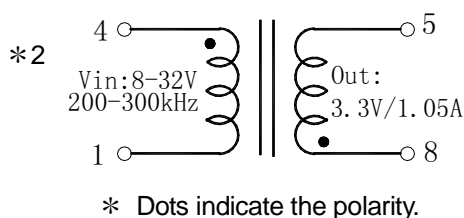


◆ Outline

- RoHS compliance
- MSL level1
- Operating temperature range : -40°C~+125°C (Including coil's self temperature rise)
- Packing : Tape & Reel, 200pcs par reel.

◆ Applications

- Transformer for LT8301 reference. Isolated Power Supplies for Telecom, Industrial, Medical, Auxiliary/ Housekeeping Devices.

◆ Sumida Type name : CEP1110
◆ Dimensions (mm)

Stamp

◆ Recommend PCB layout (mm)

Coil Connection (Bottom View)

◆ Electrical characteristic

Part Number	Stamp (* 1)	Operating frequency	Vin (V) (* 2)	Vout (V) (* 2)	Vout (A) (* 2)	Hi pot (1,4) : (5,6)	Turns ratio (1-4) : (5-8)
12387-T036	036	200 - 300 KHz	8 - 32	3.3	1.05	1500Vrms 2Sec 50/60Hz, 1mA	4 : 1 ± 3%
12387-T037	037			5.0	0.72		3 : 1 ± 3%
12387-T038	038			24.0	0.14		1 : 2 ± 3%
12387-T039	039			48.0	0.07		1 : 4 ± 3%
12387-T040	040		18 - 42	3.3	1.05		2 : 1 ± 3%
12387-T041	041			5.0	0.55		1 : 1 ± 3%

Part Number	Inductance (1-4) 100KHz,0.1Vrms	LL(1-4),Tie(5+6) 100KHz,0.1Vrms	DCR (1-4)	DCR (5-8)	Saturation Current (1-4)
12387-T036	40 μH ± 10%	2.0 μH Max.	160mΩ Max.	25mΩ Max.	2.2A at 20°C
12387-T037			210mΩ Max.	30mΩ Max.	
12387-T038			220mΩ Max.	0.46Ω Max.	
12387-T039			220mΩ Max.	2.2Ω Max.	
12387-T040		1.5 μH Max	210mΩ Max.	50mΩ Max.	
12387-T041			220mΩ Max.	0.2Ω Max.	

* Saturation current: DC current which becomes inductance value drop down to 10% from nominal value