



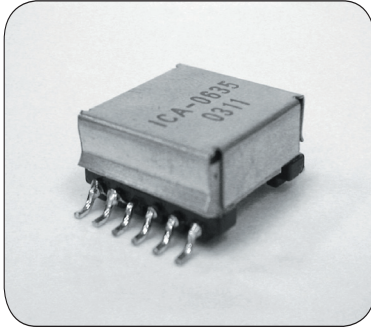
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## SMPS Transformer

## ICA-0635



### Features

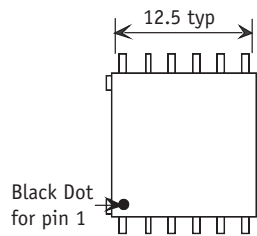
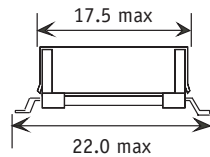
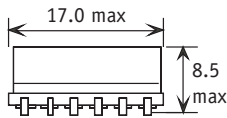
- Flyback topology
- Optimized for operation between 100KHZ and 500KHZ
- Suitable for pick and place operations
- Withstands reflow soldering

### Applications

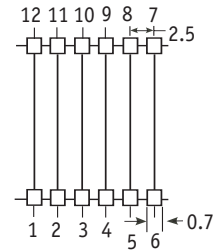
- Designed for Use with Maxim MAX1856 SLIC Power Supply IC
- Multiple-Output, Low -Power Bias Supplies
- Small DC/DC Converters

**Packaging:** Reel diameter: 680mm, Reel Width: 32 mm, Pieces/reel: 300

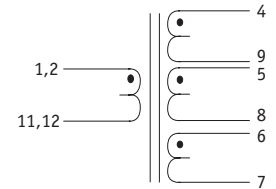
### Mechanical



### PCB Layout



### Schematic



### Electrical Specifications

Part Number	Turns Ratio <sup>1</sup> (Pri:Sec)	Primary Inductance <sup>2</sup> ( $\mu$ H min.)	DCR ( $m\Omega$ , MAX) <sup>3</sup>	Leakage Inductance <sup>2</sup> ( $\mu$ H max)	Primary/Secondary Isolation
ICA-0635	1:2	27.2 +/- 15%	50/780	.02	500 VAC.

1. From either primary winding to any secondary winding, measured at 10 khz, 1vrms.
2. Measured at 100khz, .025vrms.
3. Electrical specification at 25°C.
4. Operating temperature range -40°C to +125°C.
5. Meets UL 94 V-0.