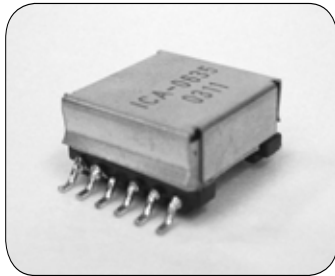


ICA-0635 SMPS Transformer



Features

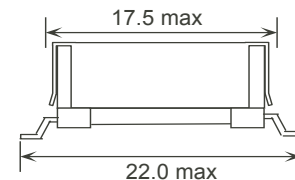
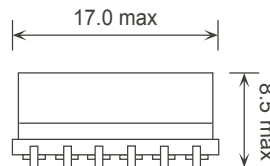
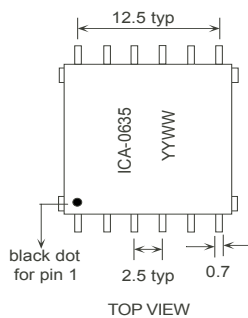
- Flyback topology
- Optimized for operation between 100kHz and 500kHz
- Suitable for pick and place applications
- Withstands reflow soldering

Applications

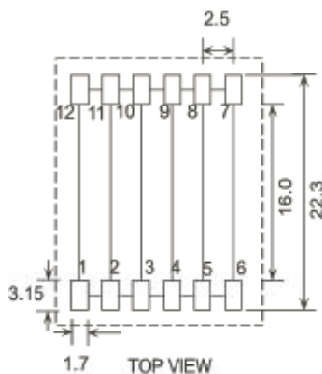
- Designed for Use with Maxim MAX1856 SLIC Power Supply IC
- Multiple-Output, Low-Power Bias Supplies
- Small DC/DC Converters

Packaging Reel diameter: 13", Reel Width: 44 mm, Pieces/reel: 300

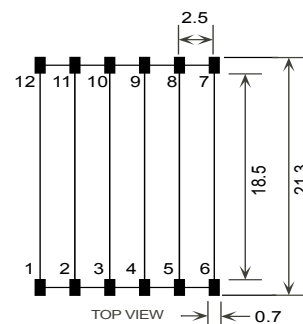
Mechanical



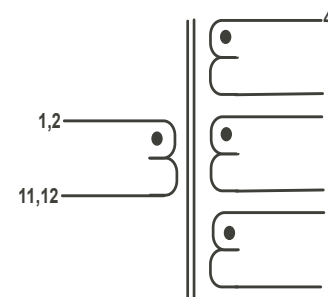
PCB Layout



Footprint



Schematic



units: mm

Electrical Specifications

Part Number	Turns Ratio ¹ (Pri:Sec)	Primary Inductance ² (μ H)	DCR ($m\Omega$, max) ³	Leakage Inductance ² (μ H max)	Primary/Secondary Isolation
ICA-0635	1:2	27.2 +/- 15%	50/780	0.2	500VAC



1. From either primary winding to any secondary winding, measured at 10KHz, 1Vrms.
2. Measured at 100kHz, 0.25Vrms.
3. Electrical specification at 25°C.
4. Operating temperature range -40°C to +85°C.
5. Meets UL94 V-0.