



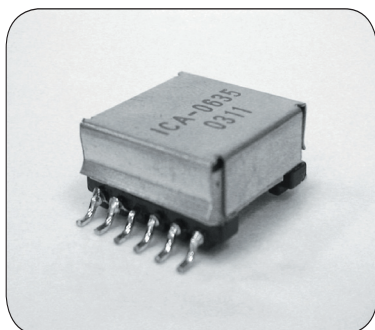
ICE Components, Inc.
10655 Lomond Drive, Suite 103 Manassas, VA 20109

VOICE: 800.729.2099
FAX: 703.257.7547

cust.serv@icecomp.com
www.icecomponents.com

SMPS Transformer

ICA-0635



Features

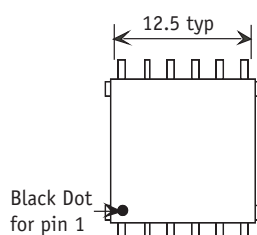
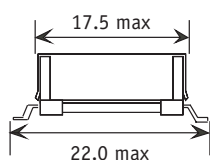
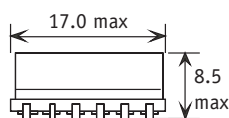
- Flyback topology
- Optimized for operation between 100KHZ and 500KHZ
- Suitable for pick and place operations
- Withstands reflow soldering

Applications

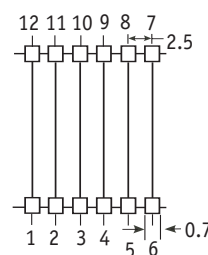
- Designed for Use with Maxim MAX1856 SLIC Power Supply IC
- Multiple-Output, Low -Power Bias Supplies
- Small DC/DC Converters

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

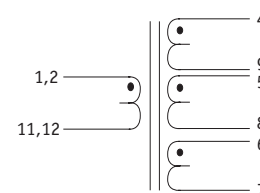
Mechanical



PCB Layout



Schematic



Electrical Specifications

Part Number	Turns Ratio ¹ (Pri:Sec)	Primary Inductance ² (μH min.)	DCR (mΩ,MAX) ³	Leakage Inductance ² (μH 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.