

## Electrical Specification @ 25°C:

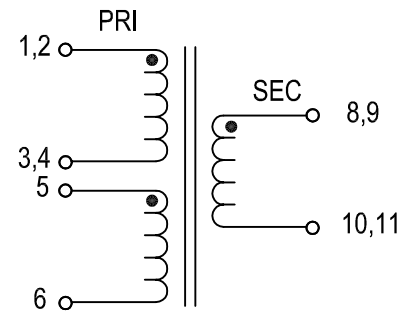
Inductance: (1,2-3,4): 180  $\mu$ H  $\pm$ 10% @ 100 KHz, 0.1 V

RDC: (1,2-3,4): 0.26  $\Omega$  Max  
(5-6): 0.58  $\Omega$  Max  
(8,9-10,11): 5.0 m $\Omega$  Max

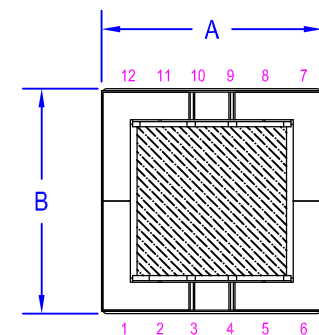
Turns Ratio: (1,2-3,4):(8,9-10,11)=1.0:0.1428  $\pm$ 5% @ 100 KHz, 0.1 V  
(1,2-3,4):(5-6)=1.0:0.21428  $\pm$ 5%

Hipot: Pins 1,2,3,4,5,6 to 8,9,10,11: 3,000VAC for 2 secs. @ 1 mA

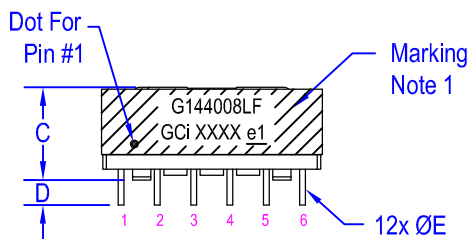
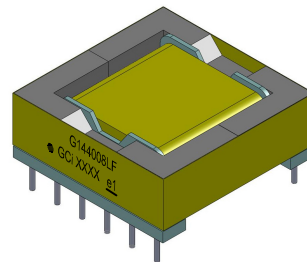
Schematic:



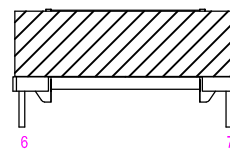
## Mechanical Specification:



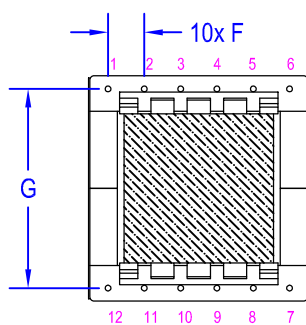
Top View



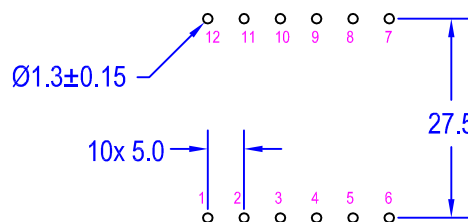
Front View



R-Side View



Bottom View



Suggested PCB Layout

Notes:

- Marking shall include:  
GCi Part Number,  
GCi Name, Date Code,  
RoHS Symbol

Marking

G144008LF  
GCi XXXX e1

| Dimensions Table |                |
|------------------|----------------|
| Ref              | mm             |
| A                | 31.5 Max       |
| B                | 31.5 Max       |
| C                | 14.5 Max       |
| D                | 3.5 $\pm$ 0.5  |
| E                | Ø0.7 $\pm$ 0.1 |
| F                | 5.0 $\pm$ 0.25 |
| G                | 27.5 $\pm$ 0.5 |



RoHS

"ALL CURRENT CHANGES INDICATED BY ASTERISKS"

## Electrical / Mechanical Specification

## FLYBACK TRANSFORMER

|                       |                        |                           |              |                  |                |
|-----------------------|------------------------|---------------------------|--------------|------------------|----------------|
| DESIGN ENG: Javier H. | APPD. BY: Greg W.      | RELEASED BY:              | REV: 0       | DRAFTER: June W. | DATE: 02/03/14 |
| S/O NUMBER: 144008    | GCi PART NO: G144008LF | CUSTOMER PART NO: PMP9576 | SHEET 1 OF 1 |                  |                |



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