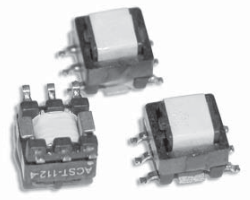


# CURRENT SENSING TRANSFORMER



## ACST-11, ACST-112

### FEATURES:

- Precise Current Sensing

### OPTIONS:

- T&R is standard
- Custom design available

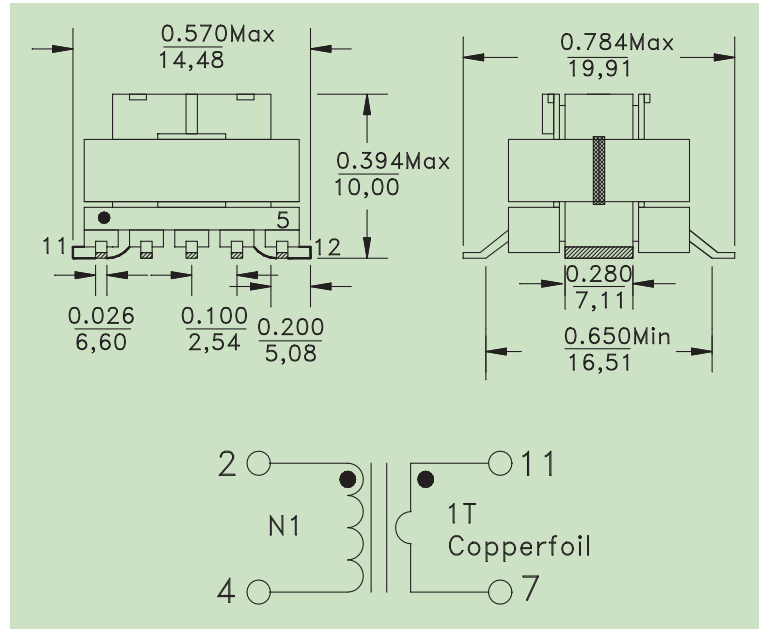
### APPLICATIONS:

- SMPS
- Current Sensing

### STANDARD SPECIFICATIONS (Secondary Winding):

| Part No     | Lp<br>mH<br>±25% | DCR<br>Ω<br>±20% | N1<br>Turns |
|-------------|------------------|------------------|-------------|
| ACST-11-20  | 0.30             | 1.40             | 20          |
| ACST-11-30  | 0.66             | 2.10             | 30          |
| ACST-11-40  | 1.20             | 2.80             | 40          |
| ACST-11-50  | 2.00             | 3.50             | 50          |
| ACST-11-60  | 3.00             | 4.20             | 60          |
| ACST-11-70  | 3.90             | 4.90             | 70          |
| ACST-11-100 | 7.50             | 7.00             | 100         |
| ACST-11-125 | 12.0             | 8.75             | 125         |
| ACST-11-200 | 29.0             | 14.0             | 200         |

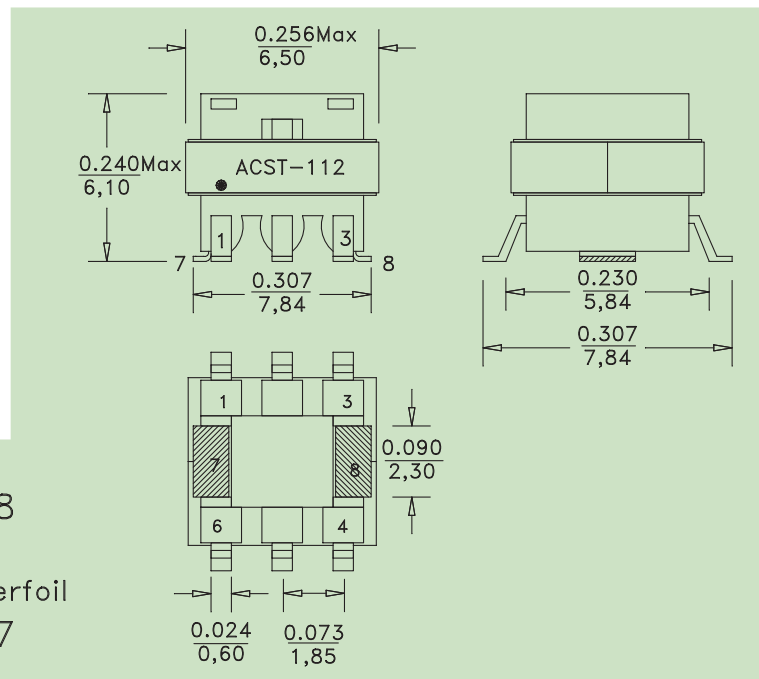
### PHYSICAL CHARACTERISTICS:



- Testing Condition: 10KHz 0.25VRMS (2-4)
- Polarity: 2 and 11 are in phase
- Turns Ratio Tolerance : ± 2%
- Hipot: 500 VRMS ( 2-4 to 11-12 )

### PHYSICAL CHARACTERISTICS:

| Part No    | Lp<br>mH<br>Min | DCR<br>Ω<br>Max | N1<br>Turns |
|------------|-----------------|-----------------|-------------|
| ACST-112-1 | 3.2             | 10              | 70          |
| ACST-112-2 | 0.6             | 5               | 30          |
| ACST-112-3 | 0.7             | 7               | 40          |
| ACST-112-4 | 6.0             | 15              | 100         |



- Testing Condition: 1KHz 0.25VRMS (6-4)
- Polarity: 6 and 8 are in phase
- Turns Ratio Tolerance : ± 2%
- Hipot: 100 VRMS ( 6-4 to 8-7 )

