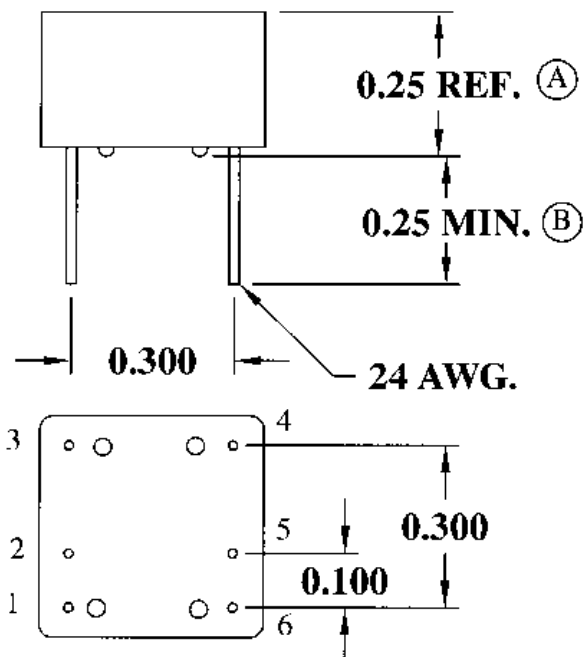
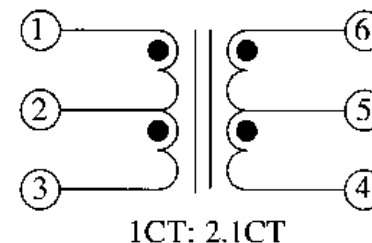


# MECHANICAL



# SCHEMATIC



## ELECTRICAL SPECIFICATIONS

TURNS RATIO: 1CT:2.1CT

OPEN CIRCUIT INDUCTANCE: 400uH MIN. (1-3) 100 KHz 30mV

PRIMARY LEAKAGE INDUCTANCE: 1.0 uH NOM.

(1-3 SHORT 6-4) 120 KHz 50mV

INTERWINDING CAPACITANCE: 40.25pF NOM. (1-3 TO 4-6)  
120 KHz 50mV

DC RESISTANCE: 1.1 OHMS NOM. (1-3) 1.62 OHMS NOM. (6-4)

HIGH VOLTAGE TEST: 500 VAC

ET CONSTANT: 18.3 Vu SEC. MIN.

|       |         |                |           |                                                                                                        |                                                                                                                                                                         |
|-------|---------|----------------|-----------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |         |                |           | DESIGN PER:                                                                                            |  <b>BH ELECTRONICS, INC.</b><br>BURNSVILLE & MARSHALL, MN<br>© 1998 BH Electronics |
|       |         |                |           | <b>BH CATALOG</b><br>+3.3V TO +5V                                                                      |                                                                                                                                                                         |
|       |         |                |           | DRAWN: K. LOFTUS                                                                                       |                                                                                                                                                                         |
|       |         |                |           | ENGR: B. MARKS                                                                                         |                                                                                                                                                                         |
|       |         |                |           | UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS IN INCHES, TOLERANCES<br>NON-CUMULATIVE<br>.XX±.01 .XXX±.005 | TITLE:<br><b>ISOLATION TRANSFORMER</b>                                                                                                                                  |
| A     | 9-21-07 | CUSTOMER PRINT | <i>Bm</i> |                                                                                                        | PART NO.<br><b>L00-2047</b>                                                                                                                                             |
| ISSUE | DATE    | REVISION       | BY        | PAGE 1 OF 1                                                                                            |                                                                                                                                                                         |