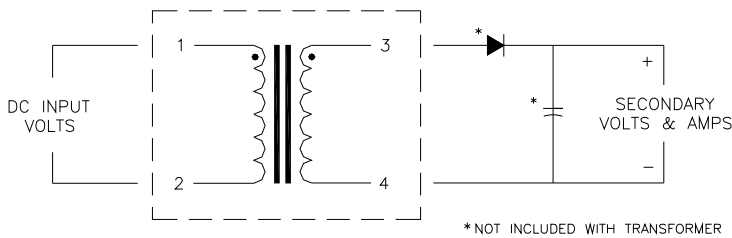


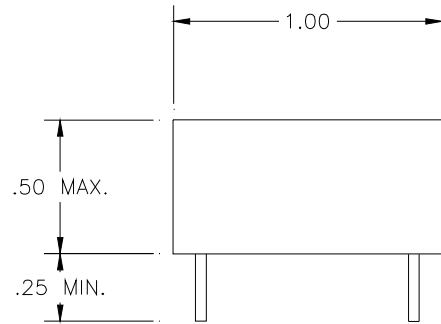
ELECTRICAL SPECIFICATIONS

| PART NUMBER | FREQUENCY kHz | DC INPUT VOLTS | SECONDARY VOLTS | SECONDARY AMPS | | PRIMARY L ±10% MICRO - H | PRIMARY LEAKAGE (TYP) MICRO - H | PRIMARY DCR ±10% MILLI - OHMS | SECONDARY DCR ±10% MILLI - OHMS |
|-------------|---------------|----------------|-----------------|----------------|-----|--------------------------|---------------------------------|-------------------------------|---------------------------------|
| | | | | MIN | MAX | | | | |
| EJ50HT3 | 100 | 24 - 32 | 3.3 | 1.5 | 3.0 | 125 | 2.0 | 94 | 4.4 |
| EJ50HT5 | 100 | 24 - 32 | 5.0 | 1.0 | 2.0 | 125 | 2.0 | 94 | 8.4 |
| EJ50HT12 | 100 | 24 - 32 | 12 | 0.5 | 1.0 | 109 | 2.0 | 53 | 33 |

SCHEMATIC DIAGRAM

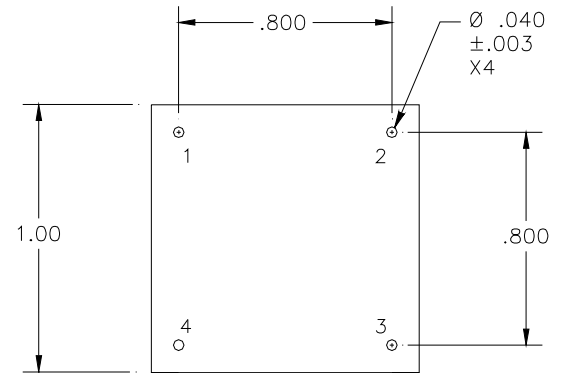


MECHANICAL SPECIFICATIONS



NOTES

1. EJHT Flyback Transformers are designed for continuous mode with a maximum duty ratio of 0.50.
2. Designed to meet MIL-PRF-27 Grade 5, Class S (130°C).
3. Dielectric Withstanding Voltage of 100 VRMS, 60 Hz winding-to-winding.
4. Pins are tinned copper.



BOTTOM VIEW

| | | | | | | | | | |
|-------|------------|---------|------------------------------|---|-------|------------------|-----------|-------------------------|--|
| | INIT. | DATE | CAGE 09349 | MAGNETIC CIRCUIT ELEMENTS INC. www.MCEmagnetics.com, ph. 831-757-8752, fax 831-757-5478 | | | | | |
| PROD. | <i>MAP</i> | 2-15-10 | | | | | | | |
| ENG. | <i>JC</i> | 2-15-10 | | 28 VOLT DC BUS FLYBACK TRANSFORMERS | | | | | |
| Q.A. | <i>BT</i> | 2-15-10 | TEST CONDITION 20° ± 5° C | DECIMALS (IN.) .XX = ± .03 .XXX = ± .010 | VOLTS | FREQUENCY ±5% | SIZE A | DWG. NO. EJHT | |
| REV. | | | | | | | | | |