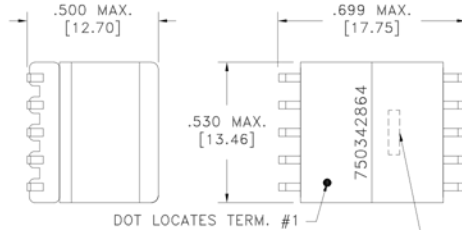
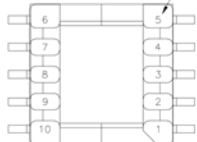


| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
|-------------------|------|---------------|
| Sn96%, Ag4%       | Yes  | Yes           |

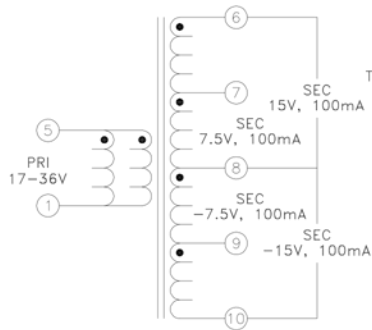


TERM. NO.'s FOR REF. ONLY

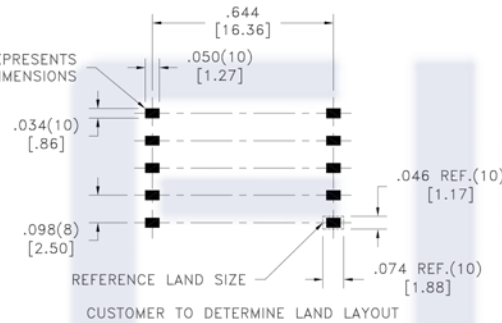


DOT LOCATES TERM. #1

LOT CODE & DATE CODE



AREA REPRESENTS  
TERMINAL PAD DIMENSIONS



REFERENCE LAND SIZE  
CUSTOMER TO DETERMINE LAND LAYOUT

#### ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER          | TEST CONDITIONS                          | VALUE             |
|--------------------|------------------------------------------|-------------------|
| D.C. RESISTANCE    | 5-1 @20°C                                | 0.075 ohms max.   |
| D.C. RESISTANCE    | 6-7 @20°C                                | 0.300 ohms max.   |
| D.C. RESISTANCE    | 7-8 @20°C                                | 0.280 ohms max.   |
| D.C. RESISTANCE    | 8-9 @20°C                                | 0.260 ohms max.   |
| D.C. RESISTANCE    | 9-10 @20°C                               | 0.250 ohms max.   |
| INDUCTANCE         | 5-1 50kHz, 100mVAC, Ls                   | 50.0uH ±10%       |
| INDUCTANCE         | 5-1 50kHz, 100mVAC, 2A, Ls               | 10.00uH min.      |
| SATURATION CURRENT | 5-1 20% rolloff from initial             | 1.8A min.         |
| LEAKAGE INDUCTANCE | 5-1 tie(6+7+8+9+10), 100kHz, 100mVAC, Ls | 1200nH max.       |
| RESONANT FREQUENCY | 5-1                                      | 1.50MHz min.      |
| DIELECTRIC         | 5-Core 625VAC, 1 second                  | 500VAC, 1 minute  |
| DIELECTRIC         | 6-Core 625VAC, 1 second                  | 500VAC, 1 minute  |
| DIELECTRIC         | 5-6 1875VAC, 1 second                    | 1500VAC, 1 minute |
| URNS RATIO         | (5-1):(6-7)                              | 1:1, ±2%          |
| URNS RATIO         | (5-1):(7-8)                              | 1:1, ±2%          |
| URNS RATIO         | (5-1):(8-9)                              | 1:1, ±2%          |
| URNS RATIO         | (5-1):(9-10)                             | 1:1, ±2%          |

#### GENERAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

Wire insulation & RoHS status not affected by wire color.  
Wire insulation color may vary depending on availability.

| REV. | DATE | Packaging Specifications        |  | Tolerances unless otherwise specified:                                             | DRAWING TITLE           | PART NO.                   |
|------|------|---------------------------------|--|------------------------------------------------------------------------------------|-------------------------|----------------------------|
|      |      | Method: Tape & Reel<br>PKG-0499 |  | Angles: ±1°<br>Fractions: ±1/64<br>Decimals: ±.005 [.13]<br>Footprint: ±.005 [.13] | <b>TRANSFORMER</b>      | FKS750342864               |
| 6B   | 8/16 |                                 |  | This drawing is dual dimensioned. Dimensions in brackets are in millimeters.       | eiSos p/n: FKS750342864 |                            |
| 6A   | 7/16 |                                 |  |                                                                                    |                         | SPECIFICATION SHEET 1 OF 1 |