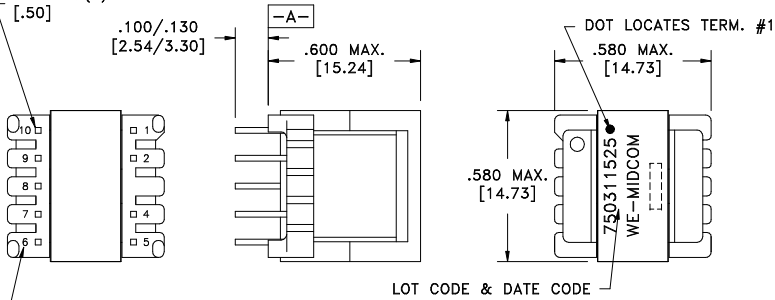


| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
|-------------------|------|---------------|
| Sn96%, Ag4%       | Yes  | Yes           |

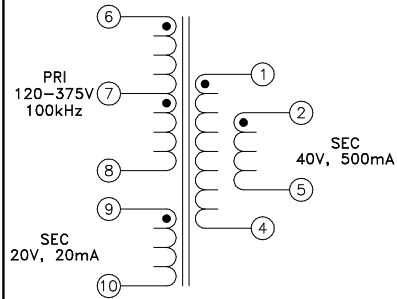
more than you expect



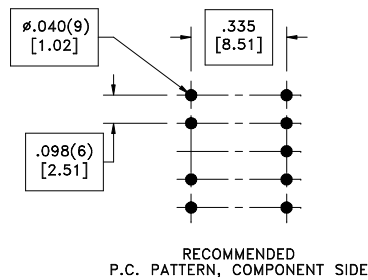
PART MUST INSERT FULLY TO  
SURFACE A IN RECOMMENDED GRID  
.020 SQ.(9)  
[.50]



TERM. NO.'s FOR REF. ONLY



Customer to tie terminals  
1+2 and 4+5 internally on the pc board.



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

| PARAMETER          | TEST CONDITIONS                             | VALUE                |
|--------------------|---------------------------------------------|----------------------|
| D.C. RESISTANCE    | 1-5 tie(1+2, 4+5), @20°C                    | 0.233 ohms ±10%      |
| D.C. RESISTANCE    | 6-8 @20°C                                   | 1.38 ohms ±10%       |
| D.C. RESISTANCE    | 9-10 @20°C                                  | 0.600 ohms ±10%      |
| INDUCTANCE         | 6-8 10kHz, 100mVAC, Ls                      | 700uH ±10%           |
| SATURATION CURRENT | 20% rolloff from initial                    | 1A                   |
| LEAKAGE INDUCTANCE | 6-8 tie(1+2+4+5, 9+10), 100kHz, 100mVAC, Ls | 10uH typ., 15uH max. |
| DIELECTRIC         | 1-10 2500VAC, 1 second                      | 2000VAC, 1 minute    |
| DIELECTRIC         | 6-10 625VAC, 1 second                       | 500VAC, 1 minute     |
| URNS RATIO         | (7-8):(6-7)                                 | 1:1, ±1%             |
| URNS RATIO         | (6-8):(1-4)                                 | 2.972:1, ±1%         |
| URNS RATIO         | (6-8):(2-5)                                 | 2.972:1, ±1%         |
| URNS RATIO         | (6-8):(9-10)                                | 5.789:1, ±1%         |

## GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:

- Functional insulation for a primary circuit at a working voltage of 400VDC.

| REV. | DATE | Packaging Specifications | CONVENTION PLACEMENT | Tolerances unless otherwise specified:                                       | DRAWING TITLE        | PART NO.                   |
|------|------|--------------------------|----------------------|------------------------------------------------------------------------------|----------------------|----------------------------|
|      |      | Method: Tray             |                      | Angles: ±1°                                                                  | <b>TRANSFORMER</b>   | <b>750311525</b>           |
|      |      | PKG-0101                 |                      | Decimals: ±.005 [.13]                                                        |                      |                            |
|      |      | www.we-online.com/midcom |                      | Fractions: ±1/64 Footprint: ±.001 [.03]                                      |                      |                            |
| 6A   | 5/10 | SEE REVISION SHEET FOR   | REVISION LEVEL       | This drawing is dual dimensioned. Dimensions in brackets are in millimeters. | eiSos p/n: 750311525 | SPECIFICATION SHEET 1 OF 1 |

