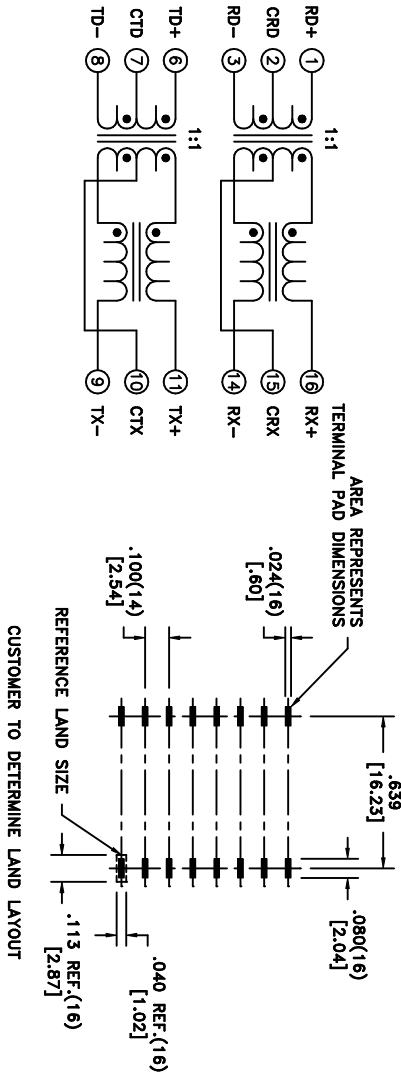
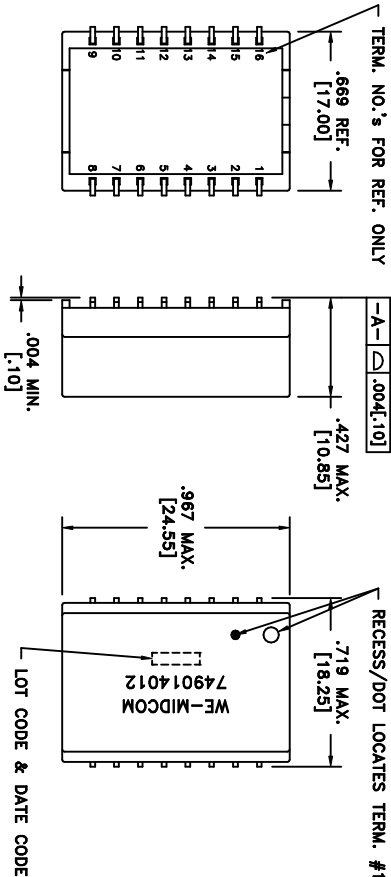


| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
|-------------------|------|---------------|
| Sn100%            | Yes  | Yes           |



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER      | TEST CONDITIONS                                | VALUE              |
|----------------|------------------------------------------------|--------------------|
| INDUCTANCE     | 16-14<br>100kHz, 100mVAC, 8mADC, 1p            | 350nH min.         |
| INDUCTANCE     | 11-9<br>100kHz, 100mVAC, 8mADC, 1p             | 350nH min.         |
| DIELECTRIC     | 1-16<br>tie(1+6, 16+11),<br>4800Vrms, 1 second | 4000Vrms, 1 minute |
| TURNS RATIO    | (1-3):(16-14)                                  | 1:1, ±2%           |
| TURNS RATIO    | (6-8):(11-9)                                   | 1:1, ±2%           |
| INSERTION LOSS | 500k - 100MHz                                  | -1.2dB max.        |
| RETURN LOSS    | 500k - 30MHz                                   | -18dB min.         |
| RETURN LOSS    | 30M - 45MHz                                    | -15dB min.         |
| RETURN LOSS    | 45M - 60MHz                                    | -13dB min.         |
| RETURN LOSS    | 60M - 80MHz                                    | -10dB min.         |
| CROSSTALK      | 1M - 100MHz                                    | -40dB min.         |
| DCMR           | 500k - 100MHz                                  | -33dB min.         |



GENERAL SPECIFICATIONS:  
OPERATING TEMPERATURE RANGE: 0°C to +70°C.

COPLANARITY: All 16 terminals must lie on a plane within .004 [1.10] of Surface A after lead tinning.

Designed to comply with the following requirements as defined by IEC60601-1 and IEC60950-1:  
- Reinforced insulation at a working voltage of 250Vrms.

|                                                                                   |  |                                                                                                     |  |                                     |  |                                          |  |
|-----------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------|--|-------------------------------------|--|------------------------------------------|--|
| REV. DATE                                                                         |  | Unless otherwise specified:<br>Tolerances: Fractions: ±1/64<br>Angles: ±1°<br>Decimals: ±.005[.127] |  | DRAWING TITLE<br><b>TRANSFORMER</b> |  | DRAWING NO.<br><b>749014012</b>          |  |
| Packaging Specifications<br>Method: Tape & Reel<br>PKG-0670<br>www.midcom-inc.com |  | This drawing is dual dimensioned. Dimensions in brackets are in millimeters.                        |  | eISos p/n: 749014012                |  | www.midcom-inc.com<br>www.midcom-inc.com |  |
| 6A 2/08                                                                           |  |                                                                                                     |  |                                     |  | REVISIONS: SEE SHEET 1                   |  |
|                                                                                   |  |                                                                                                     |  |                                     |  | SCALE ---                                |  |
|                                                                                   |  |                                                                                                     |  |                                     |  | SHEET 2 OF 8                             |  |