

AREA REPRESENTS  
 TERMINAL PAD DIMENSIONS

REFERENCE LAND SIZE  
 CUSTOMER TO DETERMINE LAND LAYOUT

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

PARAMETER	TEST CONDITIONS	VALUE
INDUCTANCE	16-14 100kHz, 100mVAC, 8mADC, Lp	350nH min.
INDUCTANCE	11-9 100kHz, 100mVAC, 8mADC, Lp	350nH min.
DIELECTRIC	tie(+6, 16+11), 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.
CROSS-TALK	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.

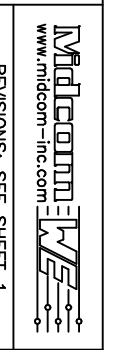
REV.	DATE
6A	2/08

Packaging Specifications  
 Method: Tape & Reel  
 PKG-0670  
 www.midcom-inc.com

Unless otherwise specified:  
 Tolerances: Fractions: ±1/64  
 Angles: ±1° Decimals: ±.005[.127]  
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE  
**TRANSFORMER**

eSos p/n: 749014012



DRAWING NO.  
**749014012**

REVISIONS: SEE SHEET 1

SCALE: ---

SHEET 2 OF 8