



Customer to tie terminals 8&9 and 12&13 on PC board.

Application of the transformer allows for the leadwires between terminals 8&9 and 12&13 to solder bridge.



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

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	4-2	@20°C	$0.285$ ohms $\pm 10\%$
D.C. RESISTANCE	3-1	@20°C	0.170 ohms ±10%
D.C. RESISTANCE	6-5	@20°C	$0.055$ ohms $\pm 10\%$
D.C. RESISTANCE	9-13	tie(8+9, 12+13), @20°C	0.016 ohms ±20%
INDUCTANCE	4-2	10kHz, 100mVAC, Ls	400.0uH ±10%
SATURATION CURRENT	4-2	20% rolloff from initial	700mA
LEAKAGE INDUCTANCE	4-2	tie(1+3, 5+6, 8+9+12+13), 100kHz, 100mVAC, Ls	2.0uH typ., 4.0uH max.
DIELECTRIC	1-13	tie(2+3, 4+5, 8+9), 3750VAC, 1 second	3000VAC, 1 minute
DIELECTRIC	1-4	625VAC, 1 second	-
DIELECTRIC	1-6	625VAC, 1 second	-
TURNS RATIO		(4-2):(9-13), tie(8+9, 12+13)	6:1, ±1%
TURNS RATIO		(4-2):(3-1)	3.27:1, ±1%
TURNS RATIO		(4-2):(6-5)	12:1, ±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:

 Reinforced insulation for a primary circuit at a working voltage of 265Vrms, 400Vpeak, Overvoltage Category II.

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

INEV.	DATE	Method: Tray PKG-0736			
6B	8/22	www.we-online.com/midcom convention placement			
6A	9/15	SEE REVISION SHEET FOR REVISION LEVEL			

REV DATE Packaging Specifications

Tolerances unless otherwise specified: Angles:  $\pm 1^{\circ}$  Decimals:  $\pm .005$  [.13] Fractions:  $\pm 1/64$  Footprint:  $\pm .001$  [.03]

This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE

## **TRANSFORMER**

eiSos p/n: **7508111329** 

PART NO.

7508111329

ROHS SPECIFICATION SHEET 1 OF 1