

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

more than you expect



# ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	3-1	@20°C
D.C. RESISTANCE	5-6	@20°C
D.C. RESISTANCE	6-7	@20°C
D.C. RESISTANCE	8-9	@20°C
D.C. RESISTANCE	12-14	tie(13+14), @20°C
INDUCTANCE	3-1	10kHz, 100mVAC, Ls
SATURATION CURRENT	3-1	20% rolloff from initial
LEAKAGE INDUCTANCE	3-1	tie(5+7, 8+9, 12+13+14), 100kHz, 100mVAC, Ls
DIELECTRIC	1-14	tie(3+5, 9+12), 5900VAC, 1 second
DIELECTRIC	1-7	625VAC, 1 second
DIELECTRIC	8-14	625VAC, 1 second
URNS RATIO	(3-2):(2-1)	1:1, ±1%
URNS RATIO	(3-1):(14-12), tie(13+14)	3.23:1, ±1%
URNS RATIO	(3-1):(7-6)	4:1, ±1%
URNS RATIO	(3-1):(6-5)	28:1, ±1%
URNS RATIO	(3-1):(8-9)	28:1, ±1%

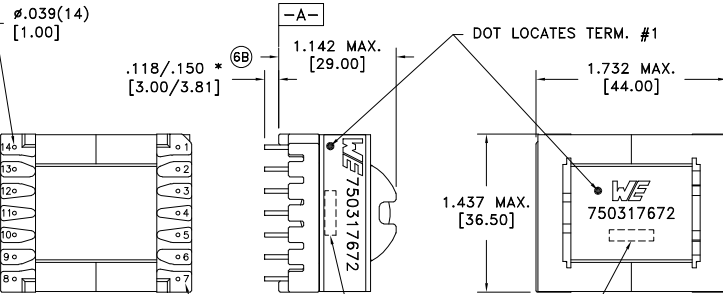
## GENERAL SPECIFICATIONS:

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

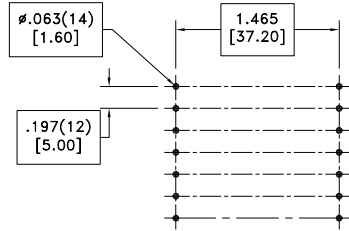
Designed to comply with the following requirements as defined by IEC61558-2-16 and EN61558-2-16:

- Reinforced insulation for a primary circuit at a working voltage of 460Vrms, 500Vpeak (operating frequency of <1MHz).

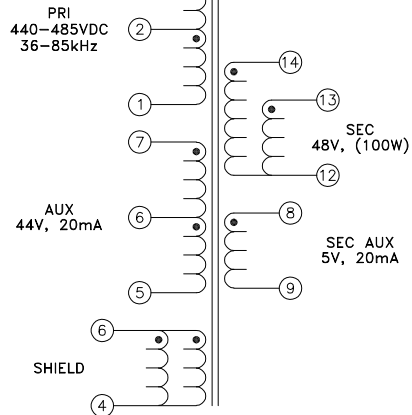
PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID  
 \* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



### ALTERNATE MARKING DETAIL



RECOMMENDED  
P.C. PATTERN, COMPONENT SIDE



Customer to tie terminals 13+14  
on PC board.

Application of the transformer allows  
for the leadwires between terminals 13&14  
to solder bridge.

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: Tray	Angles: ±1°	<b>TRANSFORMER</b>	<b>750317672</b>
		PKG-0810	Decimals: ±.005 [.13]		
		www.we-online.com/midcom	Fractions: ±1/64 Footprint: ±.001 [.03]		
6B	10/19	SEE REVISION SHEET FOR REVISION LEVEL	This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: 750317672	SPECIFICATION SHEET 1 OF 1
6A	7/19				