

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



PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

.024 SQ.(14)
[.60]

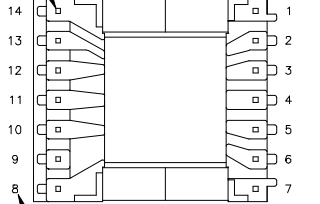
.118/.158
[3.00/4.01]

-A-

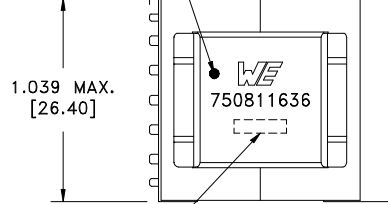
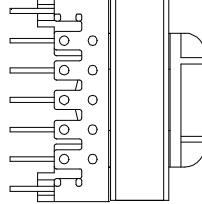
.900 MAX.
[22.86]

DOT LOCATES TERM. #1

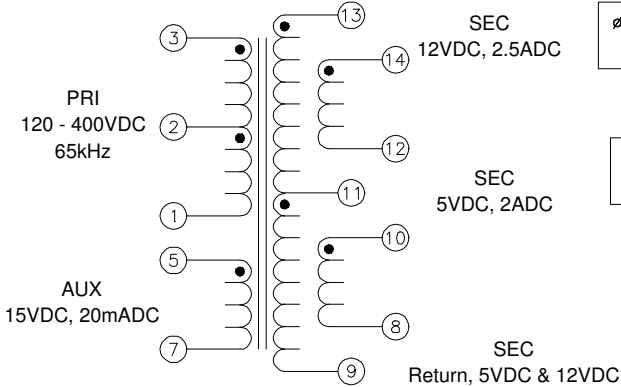
1.252 MAX.
[31.80]



TERM. NO.'s FOR REF. ONLY



LOT CODE & DATE CODE



ø.052(14)
[1.32]

1.000
[25.40]

.150(12)
[3.81]

RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

Customer to tie terminals 8+9, 10+11+12 and 13+14 internally on PC board.

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

D.C. RESISTANCE (@20°C): 3-1 , 1.10 Ohms ±20%.
5-7 , 0.145 Ohms ±20%.
14-12 , 0.030 Ohms ±20%.
13-11 , 0.030 Ohms ±20%.
11-9 , 0.013 Ohms ±20%.
10-8 , 0.013 Ohms ±20%.

DIELECTRIC RATING: 4500VAC, 1 minute tested by applying 4500VAC for 1 second between pins 3-14(tie 1+5, 10+11+12).
500VAC, 1 minute tested by applying 625VAC for 1 second between pins 3-5.

INDUCTANCE: 300µH ±10%, 10kHz, 100mVAC, 0mADC, 3-1, Ls.
SATURATION CURRENT: > 5.4ADC saturating current that causes 20% rolloff from initial inductance.
LEAKAGE INDUCTANCE: 18µH typ. 25µH max., 100kHz, 100mVAC, 3-1(tie 5+7, 8 thru 14), Ls.
TURNS RATIO:

- (3-1):(5-7) , (7.2):(1.00) , ±2%.
- (3-1):(14-8) , (9):(1.00) , tie(10+12) , ±2%.
- (3-1):(13-9) , (9):(1.00) , ±2%.
- (3-1):(11-9) , (21.6):(1.00) , ±2%.
- (3-1):(10-8) , (21.6):(1.00) , ±2%.
- (3-2):(2-1) , (1):(1.00) , ±2%.

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

Designed to comply with the following requirements as defined by IEC61558-2-17:
- Reinforced insulation for a primary circuit at a working voltage of 400VDC.

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

WE-Midcom, Inc. Watertown, SD USA Toll Free: 800-643-2661 Fax: 605-886-4486	Unless otherwise specified, tolerances are as follows: Angles: ±1° Fractions: ±1/64 Decimals: ±.005(.127mm)		WE-Midcom, Inc.	
	Drawing Title <h1 style="text-align: center;">Transformer</h1>		Drawing Number <h2 style="text-align: center;">750811636</h2>	Rev. 00
This drawing is dual dimensioned. Dimensions in brackets are in millimeters	Revisions: See Sheet 1		Scale ----	Sheet 2 of 5
Engineer:EJK			05/26/2011	