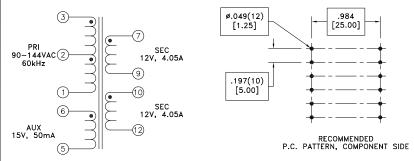
Sn96%, Ag4%	Yes	Yes
CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE

\* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID ø.031(12) [.80] .137/.177 \* DOT LOCATES TERM. #1 [3.48/4.50] .984 MAX. 1.220 MAX. [25.00] [31.00] 010 30 1.220 MAX. 09 750813743 [31.00] 08/ LOT CODE & DATE CODE ∠ TERM. NO.'s FOR REF. ONLY ALTERNATE MARKING DETAIL



Customer to tie terminals 9&10 for 24V operation.

WÜRTH ELEKTRONIK

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

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	7-9	@20°C	0.010 ohms max.
D.C. RESISTANCE	10-12	@20°C	0.010 ohms max.
D.C. RESISTANCE	6-5	@20°C	0.044 ohms ±20%
D.C. RESISTANCE	3-1	@20°C	0.165 ohms ±10%
INDUCTANCE	3-1	10kHz, 100mVAC, Ls	180uH ±10%
SATURATION CURRENT	3-1	20% rolloff from initial	7.3A
LEAKAGE INDUCTANCE	3–1	tie(5+6, 7+9, 10+12), 100kHz, 100mVAC, Ls	6.0uH max.
DIELECTRIC	1-12	tie(3+5, 9+10), 3750VAC, 1 second	-
TURNS RATIO		(3-1):(6-5)	10:1, ±1%
TURNS RATIO		(3-1):(7-9)	10:1, ±1%
TURNS RATIO		(3-1):(10-12)	10:1, ±1%
TURNS RATIO		(3-2):(2-1)	1:1, ±1%

GENERAL SPECIFICATIONS:

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

Designed to comply with the following requirements as defined by UL840 and UL5085:

- Reinforced insulation for a primary circuit at a working voltage of 160Vrms,
Pollution Degree 2.

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

REV.	DATE	Packaging Specifications
		Method: Tray
		PKG-0872 www.we-online.com/midcom
		www.we-offilifie.com/filidcoffi convention placement
C A	2/16	SEE REVISION SHEET FOR REVISION LEVEL

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: **750813743** 

PART NO.

750813743

SPECIFICATION SHEET 1 OF 1