



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-2	@20°C	1.85 ohms ±10%
D.C. RESISTANCE	4-5	@20°C	1.35 ohms ±10%
D.C. RESISTANCE	8-9	@20°C	0.105 ohms max.
D.C. RESISTANCE	7-10	@20°C	0.140 ohms max.
INDUCTANCE	1-2	10kHz, 100mVAC, Ls	600uH ±10%
SATURATION CURRENT		20% rolloff from initial	1.75A
LEAKAGE INDUCTANCE	1-2	tie(4+5, 7+8+9+10), 100kHz, 100mVAC, Ls	15.0uH typ., 30.0uH max.
DIELECTRIC	2-10	tie(1+4, 7+9), 4500VAC, 1 second	4500VAC, 1 minute
DIELECTRIC	2-4	1250VAC, 1 second	1000VAC, 1 minute
TURNS RATIO		(2-1):(10-7)	8:1, ±1%
TURNS RATIO		(2-1):(9-8)	8:1, ±1%
TURNS RATIO		(2-1):(4-5)	6.222:1, ±1%

GENERAL SPECIFICATIONS:

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

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

Sn96%, Ag4% Yes Yes PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID ø.024(10) DOT LOCATES TERM. #1 [.60] -A-.157 ±.020 $[4.00 \pm .50]$.709 MAX. .650 MAX. [18.00] [16.50] .709 MAX. [18.00] LOT CODE & DATE CODE -L TERM. NO.'s FOR REF. ONLY ø.043(10) .480 [1.1Ò] [12.20] PRI

> .106(5) [2.70]

CUSTOMER TERMINAL

90-265V 100kHz

18V, 10mA

RoHS

LEAD(Pb)-FREE

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

REV.	DATE	Packaging Specifications	
		Method: Tray	
		PKG-0733	
		www.we-online.com/midcom	
6.4	2/11	SEE REVISION SHEET FOR	

CONVENTION PLACEMENT REVISION LEVEL Tolerances unless otherwise specified: Decimals: ±.005 [.13] Footprint: ±.001 [.03] Angles: ±1° Fractions: ±1/64

RECOMMENDED P.C. PATTERN, COMPONENT SIDE

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

.138(3)

[3.50]

DRAWING TITLE

TRANSFORMER

750813134

PART NO.

eiSos p/n: 750813134

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