**Nidcom** 





PARAMETER		TEST CONDITIONS	VALUE	
D.C. RESISTANCE	2-3	@20°C	2.15 ohms ±10%	
D.C. RESISTANCE	3-4	@20°C	2.85 ohms ±10%	
D.C. RESISTANCE	7-8	@20°C	0.040 ohms ±20%	
INDUCTANCE	2-4	10kHz, 100mVAC, Ls	2.64mH ±10%	
SATURATION CURRENT		20% rolloff from initial	350mA	
LEAKAGE INDUCTANCE	2-4	tie(7+8), 100kHz, 100mVAC, Ls	30uH typ., 50uH max.	
DIELECTRIC RAIING	3-8	4500VAC, 1 second	4500VAC, 1 minute	
DIELECTRIC RATING	5-8	4500VAC, 1 second	4500VAC, 1 minute	
DIELECTRIC RATING	3-5	625VAC, 1 second	500VAC, 1 minute	
TURNS RATIO		(3-4):(2-3)	1:1, ±1%	
TURNS RATIO		(2-4):(8-7)	11.07:1, ±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	
ø.025 SQ. [.64]	IN REC	COMMENDED GRID  -A-  68 .630 M	
$^{igsel}$ TERM. NO.'s FOR REF. ONLY			LOT CODE & DATE CODE $^{igstar}$
PRI 120-375v(3) 132kHz	€ (€	SEC 2V, 322mA	#.056(9) [1.42]  .197(3) [5.00]  .138(4) [3.50]  RECOMMENDED P.C. PATTERN, COMPONENT SIDE

Packaging Specifications REV. DATE Method: Tray PKG-0058 www.midcom-inc.com 3/09

CUSTOMER TERMINAL

RoHS

LEAD(Pb)-FREE

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

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

## **TRANSFORMER**

eiSos p/n: **7508110100** 

PART NO.

ROHS SPECIFICATION SHEET 1 OF 1

DRAWING TITLE