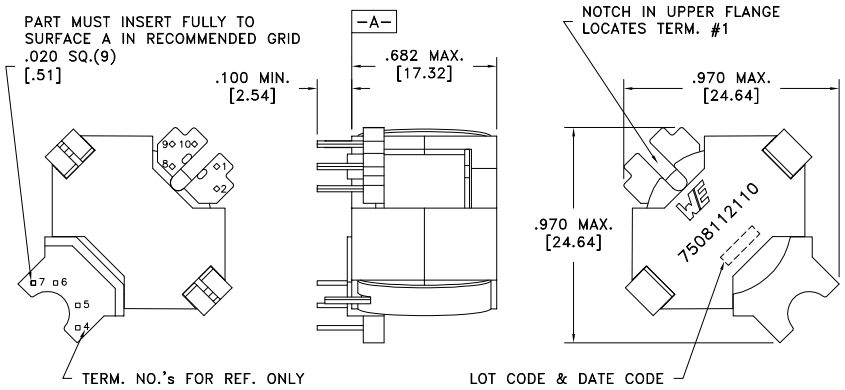
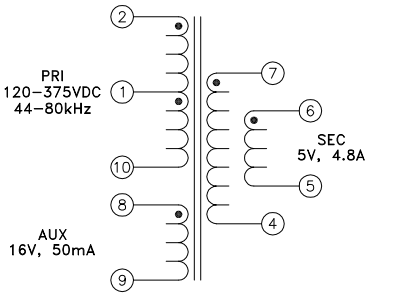
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE
Sn96%, Ag4%	Yes	Yes

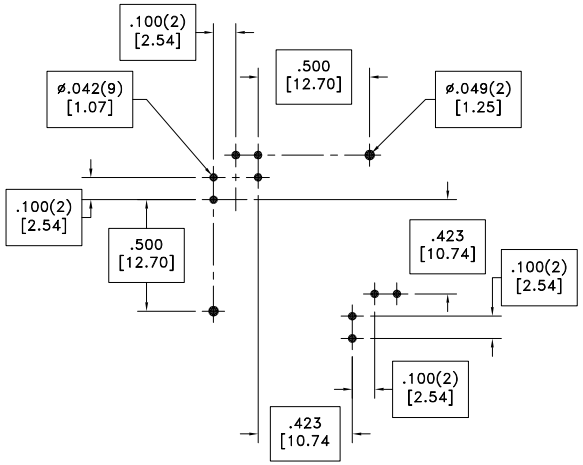
more than you expect





Customer to tie terminals 4+5 and 6+7 on PC board.

Application of transformer allows for the leadwires between terminals 4&5 and 6&7 to solder bridge.



RECOMMENDED
P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	2−10	@20°C	0.544 ohms ±10%
D.C. RESISTANCE	4−7	tie(4+5, 6+7), @20°C	0.011 ohms max.
D.C. RESISTANCE	8−9	@20°C	0.089 ohms ±10%
INDUCTANCE	2−10	10kHz, 100mVAC, Ls	670uH ±10%
SATURATION CURRENT	2−10	20% rolloff from initial	2.7A
LEAKAGE INDUCTANCE	2−10	tie(4+5+6+7, 8+9), 100kHz, 100mVAC, Ls	12.6uH typ., 18.9uH max.
DIELECTRIC	2−7	tie(4+5, 6+7), 3900VAC, 1 second	3900VAC, 1 minute
DIELECTRIC	2−8	625VAC, 1 second	500VAC, 1 minute
TURNS RATIO		(2−10):(7−4), tie(4+5, 6+7)	19:1, ±1%
TURNS RATIO		(8−9):(7−4), tie(4+5, 6+7)	2.75:1, ±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, Amendment 1:
- Reinforced insulation for a primary circuit at a working voltage of 265Vrms, 400Vpeak (operating frequency of <2MHz).

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

REV.	DATE
6B	7/17
6A	12/16

Packaging Specifications
Method: Tray
PKG−0027
www.we−online.com/midcom
SEE REVISION SHEET FOR REVISION LEVEL

CONVENTION PLACEMENT

Tolerances unless otherwise specified:
Angles: ±1° Decimals: ±.005 [.13]
Fractions: ±1/64 Footprint: ±.001 [.03]
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE
TRANSFORMER
eiSos p/n: 7508112110

compliant RoHS

PART NO.
7508112110
SPECIFICATION SHEET 1 OF 1