

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

more than you expect



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-4 tie(1+2, 3+4), @20°C	0.090 ohms ±10%
D.C. RESISTANCE	5-8 tie(5+6, 7+8), @20°C	0.091 ohms ±10%
INDUCTANCE	tie(1+2, 3+4), 10kHz, 100mVAC, Ls	8.60uH ±7%
SATURATION CURRENT	tie(1+2, 3+4), 20% rolloff from initial	6.25A
LEAKAGE INDUCTANCE	tie(1+2, 3+4, 5+6+7+8), 100kHz, 100mVAC, Ls	250nH typ., 500nH max.
DIELECTRIC	tie(3+4, 5+6), 1500VAC, 1 second	-
URNS RATIO	(1-4):(5-8), tie(1+2, 3+4, 5+6, 7+8)	1:1

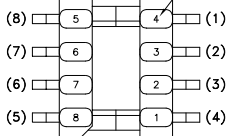
6B

GENERAL SPECIFICATIONS:

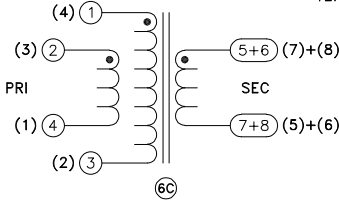
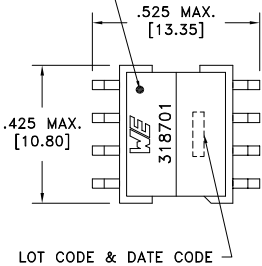
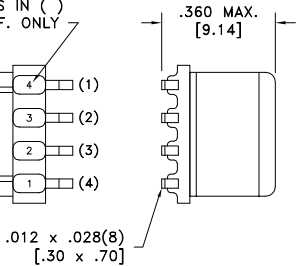
OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.

Functional insulation only.

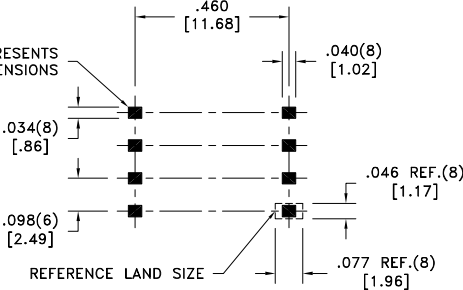
CUSTOMER TERMINALS IN ()
TERM. NO.'s FOR REF. ONLY



DOT LOCATES TERM. #4 (1)



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



CUSTOMER TO DETERMINE LAND LAYOUT

Modes of Operation	PRI	SEC
1	4.5-12VDC, 350kHz	12V, 500mA
2	12-42VDC, 350kHz	12V, 1.0A
3	4.5-12VDC, 350kHz	15V, 400mA
4	12-42VDC, 350kHz	15V, 800mA

Customer to tie terminals 1+2,
3+4, 5+6 and 7+8 on PC board.

Application of the transformer allows
for the leadwires between terminals 1&2,
3&4, 5&6 and 7&8 to solder bridge.

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

REV.	DATE	Packaging Specifications
6C	7/22	Method: Tape & Reel PKG-0523 www.we-online.com/midcom
6B	3/22	
6A	3/21	SEE REVISION SHEET FOR REVISION LEVEL



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

DRAWING TITLE
TRANSFORMER

eiSos p/n: 750318701



PART NO.
750318701
SPECIFICATION SHEET 1 OF 1