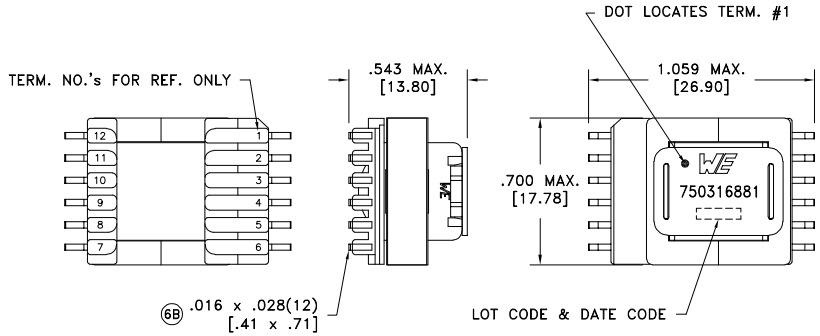
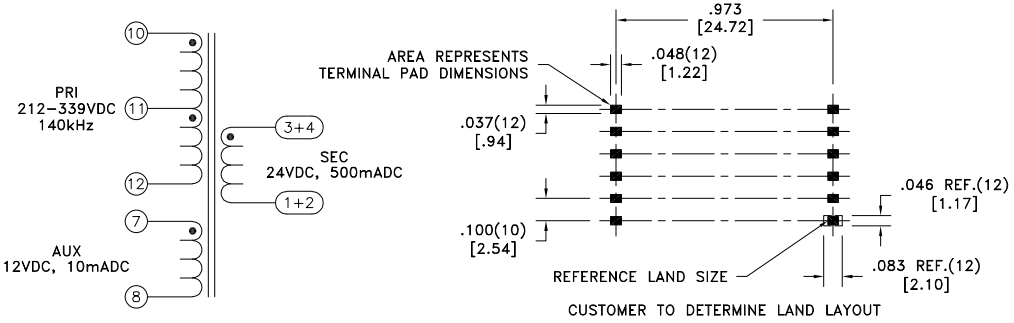
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE
Sn96%, Ag4%	Yes	Yes

WÜRTH ELEKTRONIK





Customer to tie terminals 1+2 and 3+4 on PC board.

Application of the transformer allows for the leadwires between terminals 1&2 and 3&4 to solder bridge.

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	10−12	@20°C	4.50 ohms ±10%
D.C. RESISTANCE	7−8	@20°C	0.510 ohms ±10%
D.C. RESISTANCE	4−1	tie(1+2, 3+4), @20°C	0.150 ohms ±10%
INDUCTANCE	10−12	100kHz, 100mVAC, Ls	1.75mH ±10%
SATURATION CURRENT	10−12	20% rolloff from initial	550mA
LEAKAGE INDUCTANCE	10−12	tie(7+8, 1+2+3+4), 100kHz, 100mVAC, Ls	16uH typ., 23uH max.
DIELECTRIC	10−4	tie(7+12, 1+2), 4500VAC, 1 second	3900VAC, 1 minute
DIELECTRIC	10−7	625VAC, 1 second	500VAC, 1 minute
TURNS RATIO		(10−12):(7−8)	11.17:1, ±2%
TURNS RATIO		(10−12):(4−1), tie(1+2, 3+4)	5.83:1, ±2%

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:
- 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.

DETAILS SUBJECT TO CHANGE

REV.	DATE
6B	11/22
6A	5/18

Packaging Specifications
Method: Tape & Reel
PKG−0799
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: ±.005 [.13]

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

DRAWING TITLE
TRANSFORMER

eiSos p/n: 750316881

compliant RoHS

PART NO.
750316881

SPECIFICATION SHEET 1 OF 1