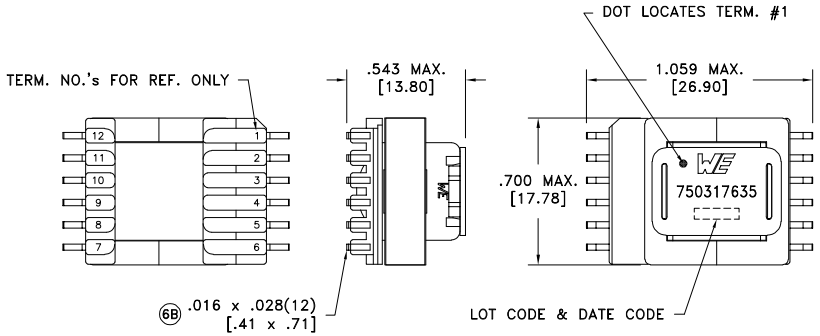
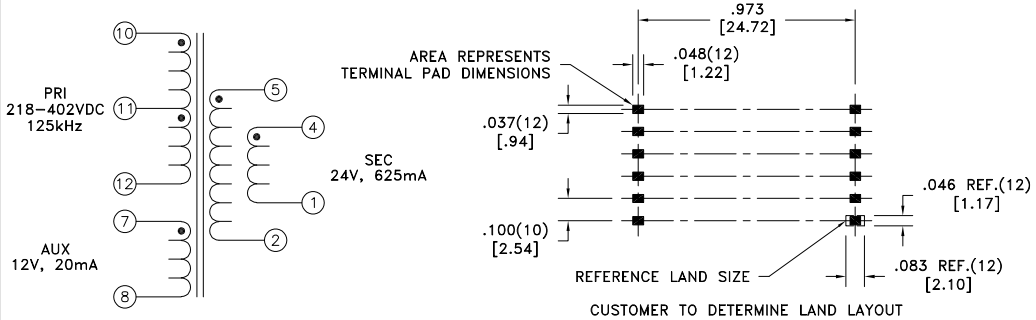
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE
Sn96%, Ag4%	Yes	Yes

WÜRTH ELEKTRONIK





Customer to tie terminals 1+2 and 4+5 on PC board.

Application of the transformer allows for the leadwires between terminals 1&2 and 4&5 to solder bridge.

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1−5	tie(1+2, 4+5), @20°C	0.200 ohms ±10%
D.C. RESISTANCE	7−8	@20°C	0.505ohms ±10%
D.C. RESISTANCE	10−12	@20°C	3.200 ohms ±10%
INDUCTANCE	10−12	10kHz, 100mVAC, Ls	1.00mH ±10%
SATURATION CURRENT	10−12	20% rolloff from initial	900mA
LEAKAGE INDUCTANCE	10−12	tie(7+8, 1+2+4+5), 100kHz, 100mVAC, Ls	10uH typ., 20uH max.
DIELECTRIC	10−5	tie(7+12, 1+2), 4200VAC, 1 second	4200VAC, 1 minute
DIELECTRIC	10−7	625VAC, 1 second	−
TURNS RATIO		(10−12):(4−1)	4:1, ±1%
TURNS RATIO		(10−12):(5−2)	4:1, ±1%
TURNS RATIO		(10−12):(7−8)	7.75:1, ±1%
TURNS RATIO		(10−11):(11−12)	1:1, ±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:
- Reinforced insulation for a primary circuit at a working voltage of 290Vrms, 410Vpeak (operating frequency of <1MHz).

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

REV.	DATE
6B	12/22
6A	4/19

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: 750317635

compliant RoHS

PART NO.
750317635
SPECIFICATION SHEET 1 OF 1