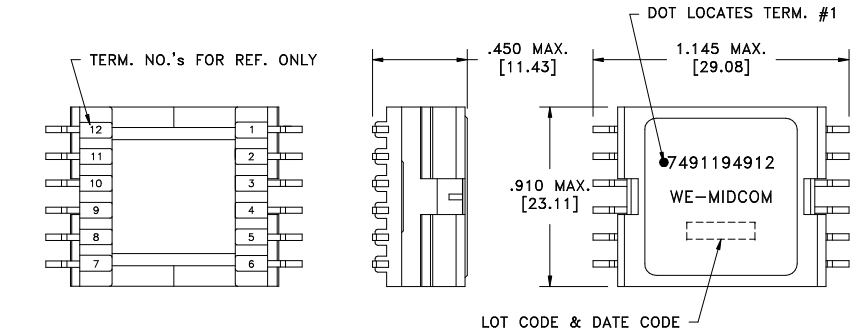
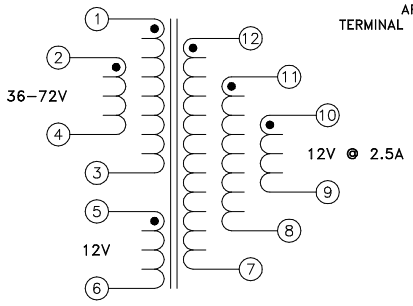
CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
Sn96%, Ag4%	Yes	Yes

more than you expect

Midcom

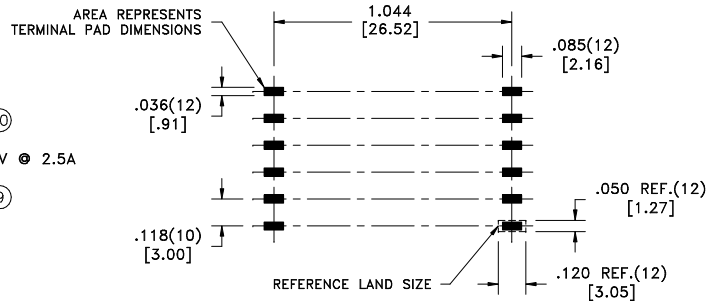
WÜRTH ELEKTRONIK





Application of the transformer allows for the following groups of terminals to solder bridge:
1&2, 3&4, 10&11, and 8&9.

6B 6C



CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3	tie(1+2, 3+4), @20°C	0.061 ohms ±20%
D.C. RESISTANCE	7-12	tie(7+8+9, 10+11+12), @20°C	0.0180 ohms ±20%
D.C. RESISTANCE	5-6	@20°C	0.180 ohms ±20%
INDUCTANCE	1-3	250kHz, 700mVAC, Ls	42.0uH ±10%
INDUCTANCE	1-3	tie(1+2, 3+4), 250kHz, 700mVAC, 2.6ADC, Ls	42.0uH ±10%
LEAKAGE INDUCTANCE	1-3	tie(1+2, 3+4, 5+6+7+8+9+10+11+12), 250kHz, 100mVAC, Ls	545nH max.
DIELECTRIC	1-12	1875VAC, 1 second	1500VAC, 1 minute
TURNS RATIO		(1-3):(12-7)	3:1, ±1%
TURNS RATIO		(1-3):(11-8)	3:1, ±1%
TURNS RATIO		(1-3):(10-9)	3:1, ±1%
TURNS RATIO		(1-3):(5-6)	3:1, ±1%
TURNS RATIO		(1-3):(2-4)	1:1, ±1%

GENERAL SPECIFICATIONS:

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

REV.	DATE
6D	4/11
6C	7/10
6B	4/09
6A	9/07

Packaging Specifications
Method: Tape & Reel
PKG-0647
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: 7491194912

compliant RoHS

PART NO.
7491194912

SPECIFICATION SHEET 1 OF 1