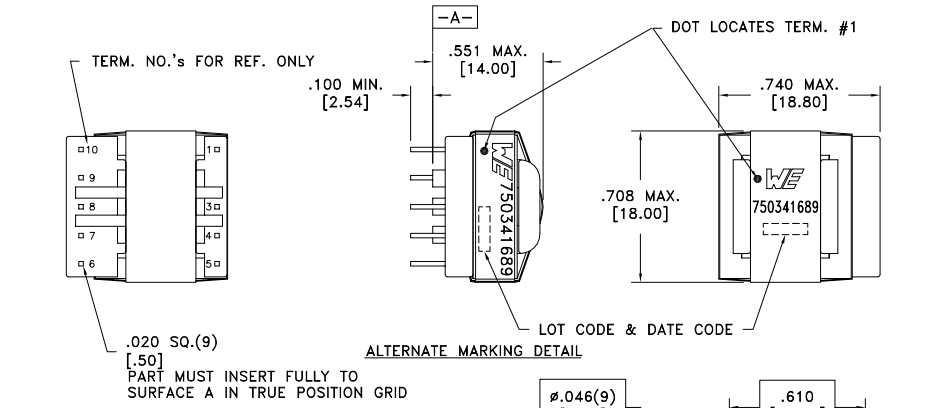
CUSTOMER TERMINAL	RoHS	LEAD(Pb)−FREE
Sn96%, Ag4%	Yes	Yes

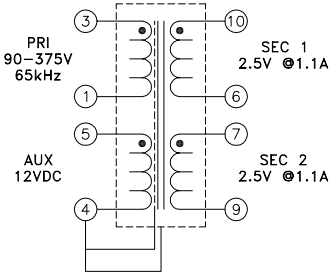
more than you expect

Midcom

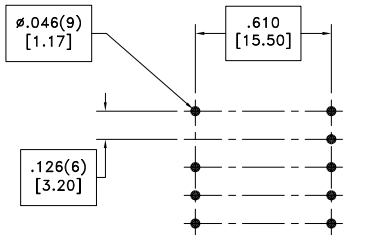
WÜRTH ELEKTRONIK



ALTERNATE MARKING DETAIL



Terminals 1, 4 & 5 are sleeved.



TRUE POSITION GRID
(P.C. PATTERN, COMPONENT SIDE)

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	3−1	@20°C	3.86 ohms max.
D.C. RESISTANCE	5−4	@20°C	0.400 ohms max.
D.C. RESISTANCE	7−9	@20°C	0.020 ohms max.
D.C. RESISTANCE	10−6	@20°C	0.020 ohms max.
INDUCTANCE	3−1	50kHz, 100mVAC, Ls	1.60mH ±10%
LEAKAGE INDUCTANCE	3−1	tie(4+5, 6+7+9+10), 100kHz, 100mVAC, Ls	60uH max.
DIELECTRIC	1−10	tie(3+4, 6+7), 3500VAC, 1 second	−
DIELECTRIC	3−Core	2500VAC, 1 second	−
DIELECTRIC	10−Core	tie(6+7), 1500VAC, 1 second	−
DIELECTRIC	3−10	tie(6+7), 500VAC, 1 second	−
TURNS RATIO		(3−1):(5−4)	7.056:1, ±2%
TURNS RATIO		(3−1):(10−6)	31.75:1, ±2%
TURNS RATIO		(3−1):(7−9)	31.75:1, ±2%

GENERAL SPECIFICATIONS:
OPERATING TEMPERATURE RANGE: −40°C to +125°C.

Designed to comply with the following requirements as defined by IEC60950−1, EN60950−1, UL60950−1/CSA60950−1 and AS/NZS60950.1:
− Reinforced insulation for a working voltage of 400VDC.

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

REV.	DATE
6A	1/13

Packaging Specifications
Method: Tray
PKG−0887
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: 750341689

compliant RoHS

PART NO.
750341689
SPECIFICATION SHEET 1 OF 1