

CUSTOMER TERMINAL	RoHS	LEAD(Pb)--FREE
Sn 96%, Ag 4%	Yes	Yes



ELECTRICAL SPECIFICATIONS @ 25° C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	1-3 @20°C	7.420 ohms ±10%
D.C. RESISTANCE	8-10 @20°C	0.094 ohms ±20%
D.C. RESISTANCE	5-6 @20°C	0.113 ohms ±10%
INDUCTANCE	1-3 10kHz, 100mV, Ls	4.00mH ±10%
SATURATION CURRENT	1-3 20% rolloff from initial	750mA typ.
LEAKAGE INDUCTANCE	1-3 tie(8+10),100kHz, 100mV, Ls	93µH typ., 150µH max.
DIELECTRIC	1-10 tie(3+5), 3000VAC, 1 second	3000VAC, 1 minute
DIELECTRIC	10-Core 2100VAC, 1 second	
DIELECTRIC	1-6 1000VAC, 1 second	
TURNS RATIO	(1-3):(8-10)	6.82:1
TURNS RATIO	(8-10):(5-6)	3.67:1

GENERAL SPECIFICATIONS:

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

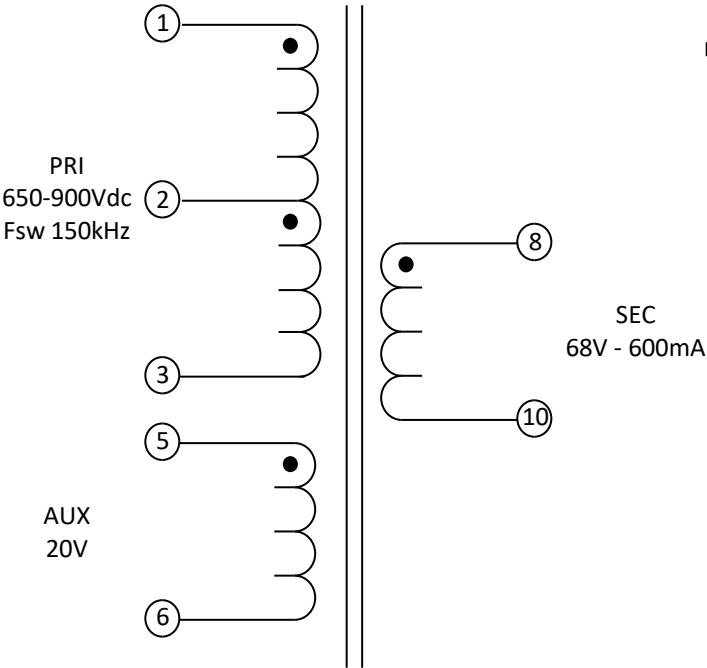
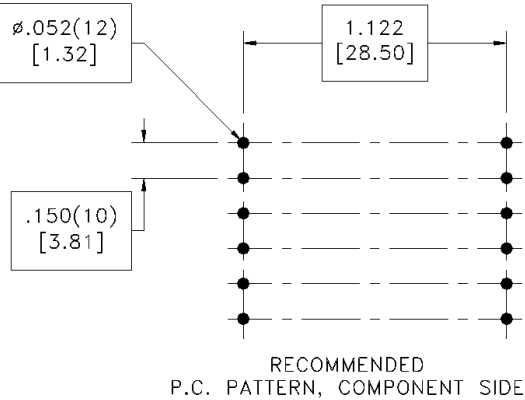
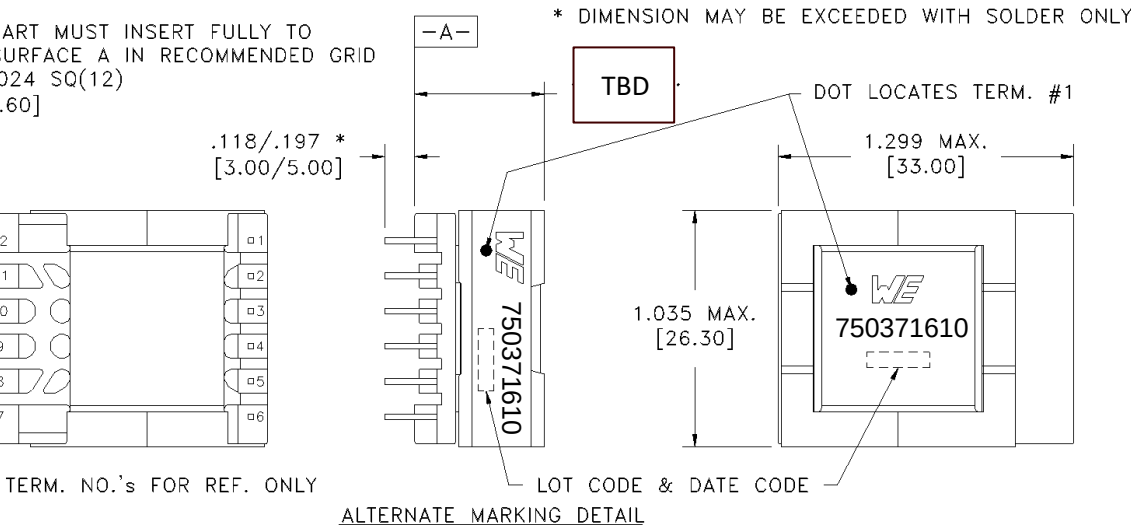
Designed to comply with the following requirements as defined by IEC61558-2-16, and EN61558-2-16:

- Basic insulation for a primary circuit at a working voltage of 900Vrms, OVC II, Pollution Degree 2.

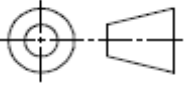
Designed to meet 4KV (1.2 x 60usec, 3± repetitions) surge test between input and output

Designed to meet PD → has to define after testing samples. KAE 2/22/2023

Preliminary



Wire insulation & RoHS status not affected by wire color. Wire insulation color may vary depending on availability. Marking method, font and color may vary on preproduction samples.

DFM	SP	Packaging Specifications	 CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Decimals: ±.005 [.13] Fractions: ±1/64 Footprint: ±.001 [.03]	DRAWING TITLE TRANSFORMER	PART NO. 750371610
DATE	2/22/2023	Method: Tray		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.		
ENG	KAE	PKG-0924				
REV.	00					
DATE	3/6/2023	www.we-online.com/midcom				SPECIFICATION SHEET 1 OF 1