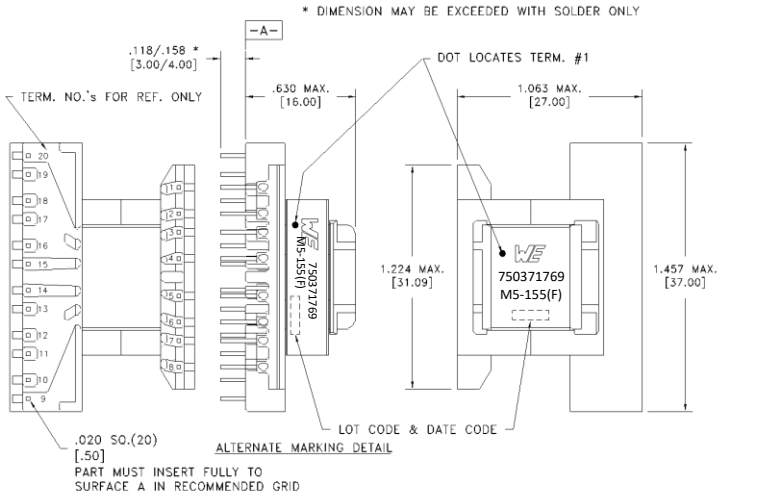
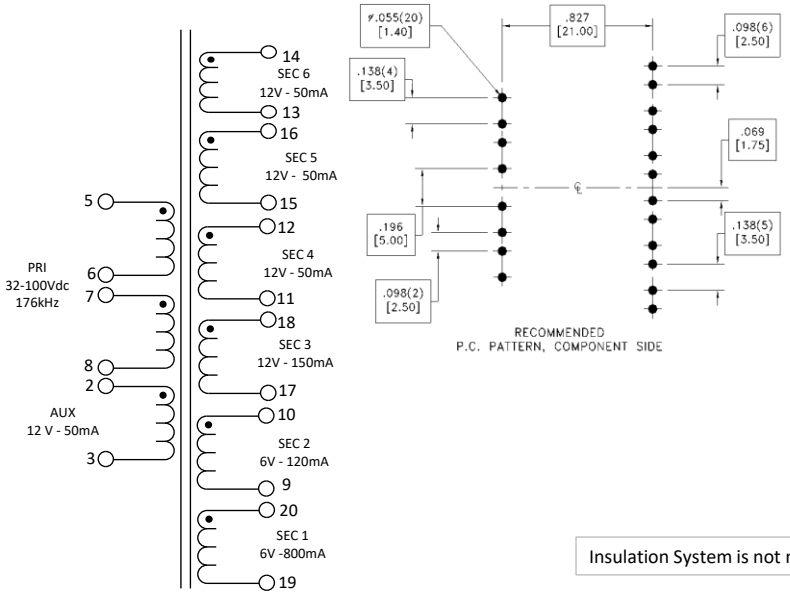
CUSTOMER TERMINAL	RoHS	LEAD(Pb)--FREE
Sn 96%, Ag 4%	Yes	Yes





ELECTRICAL SPECIFICATIONS @ 25° C unless otherwise noted:

PARAMETER		TEST CONDITIONS	VALUE
D.C. RESISTANCE	5-8	tie(6+7), @20ºC	0.121 ohms ±10%
D.C. RESISTANCE	2-3	@20ºC	0.086 ohms ±10%
D.C. RESISTANCE	14-13	@20ºC	0.060 ohms ±10%
D.C. RESISTANCE	16-15	@20ºC	0.060 ohms ±10%
D.C. RESISTANCE	12-11	@20ºC	0.069 ohms ±10%
D.C. RESISTANCE	18-17	@20ºC	0.055 ohms ±10%
D.C. RESISTANCE	10-9	@20ºC	0.021 ohms ±20%
D.C. RESISTANCE	20-19	@20ºC	0.012 ohms ±20%
INDUCTANCE	5-8	tie(6+7),10kHz, 100mV, Ls	58.00µH ±10%
SATURATION CURRENT	5-8	tie(6+7), 20% rolloff from initial	2.5A TBD
LEAKAGE INDUCTANCE	5-8	tie(6+7,9+10+11+12+13+14+15+16+17+18+19+20),100kHz, 100mV, Ls	1.75 TBDµH max.
DIELECTRIC	8-9	tie(6+7,3+5,10+11,12+13,14+15,16+17,18+19), 3000VAC, 1 second	3000VAC, 1 minute
DIELECTRIC	3-5	625VAC, 1 second	
DIELECTRIC	10-11	625VAC, 1 second	
DIELECTRIC	12-13	625VAC, 1 second	
DIELECTRIC	14-15	625VAC, 1 second	
DIELECTRIC	16-17	625VAC, 1 second	
DIELECTRIC	18-19	625VAC, 1 second	
TURNS RATIO		(5-6):(7-8), tie(6+7)	1:1
TURNS RATIO		(5-8):(2-3), tie(6+7)	2.25:1
TURNS RATIO		(5-8):(14-13), tie(6+7)	2.25:1
TURNS RATIO		(5-8):(16-15), tie(6+7)	2.25:1
TURNS RATIO		(5-8):(12-11), tie(6+7)	2.25:1
TURNS RATIO		(5-8):(18-17), tie(6+7)	2.25:1
TURNS RATIO		(5-8):(10-9), tie(6+7)	4.5:1
TURNS RATIO		(5-8):(20-19), tie(6+7)	4.5:1

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 150Vrms, 212Vpeak, OVC II, Pollution Degree 3.
UL Recognized Insulation system M5-155(F), E209189

Insulation System is not marked on prototypes

Application of the transformer allows for the leadwires between terminals 6&7 to solder bridge.

Customer to tie terminals 6+7 and on PC board.

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		Tolerances unless otherwise specified:	DRAWING TITLE
DATE	11/28/2023	Method: Tray		Angles: ±1° Decimals: ±.005 [.13]	**TRANSFORMER**
ENG	ALD	PKG-1256	CONVENTION PLACEMENT	Fractions: ±1/64 Footprint: ± .001 [.03]	PART NO. **750371769**
REV.	00			This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	
DATE	11/29/2023	www.we-online.com/midcom			SPECIFICATION SHEET 1 OF 1