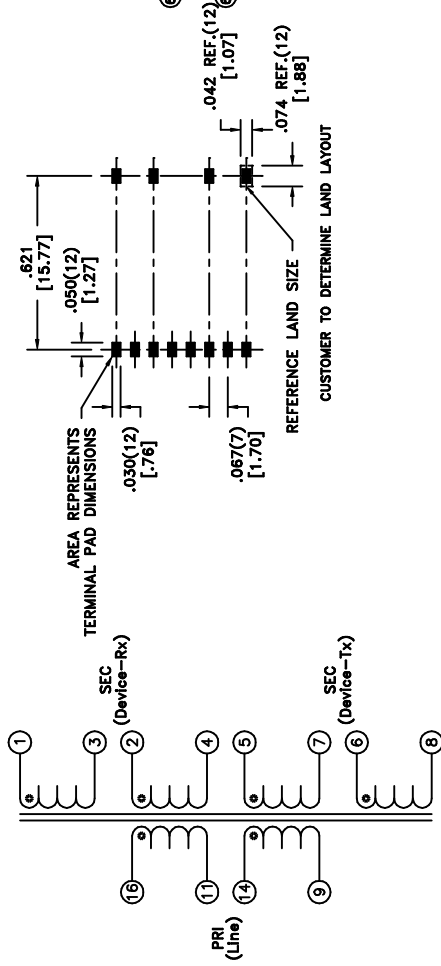
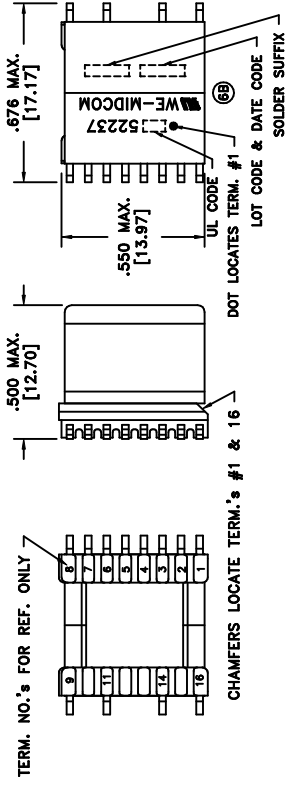




**THE DATASHEET OF  
750052237**



SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
LF1	Sn86%, Ag4%	Yes	Yes



**ELECTRICAL SPECIFICATIONS @ 25°C unless o**

PARAMETER	TEST CONDITIONS
D.C. RESISTANCE 16-11	@20°C
D.C. RESISTANCE 14-9	@20°C
D.C. RESISTANCE 1-3	@20°C
D.C. RESISTANCE 2-4	@20°C
D.C. RESISTANCE 5-7	@20°C
D.C. RESISTANCE 6-8	@20°C
INDUCTANCE 16-9	tie(11+14), 10kHz, 100mVAC, Ls
LEAKAGE INDUCTANCE 16-9	tie(11+14, 6+7, 5+8), 100kHz across PRI, 5.7 ohm load on transmit and 1k ohm load on receive
LEAKAGE INDUCTANCE 16-9	tie(11+14, 2+3, 1+4), 100kHz across PRI, 100mVAC, Ls
INTERWINDING CAPACITANCE 16-5	tie(11+14, 6+7), 100kHz, 100mVAC, Cs
INTERWINDING CAPACITANCE 16-1	tie(11+14, 2+3), 100kHz, 100mVAC, Cs
DIELECTRIC 16-1	tie(11+14, 2+3), 1875VAC, 1 second
DIELECTRIC 16-5	tie(11+14, 6+7), 1875VAC, 1 second
URNS RATIO	(16-9):(5-8), tie(11+14, 6+7)
URNS RATIO	(16-9):(1-4), tie(11+14, 2+3)
URNS RATIO	(16-11):(5-7)
URNS RATIO	(16-11):(1-3)
TOTAL HARMONIC DISTORTION	30kHz, 2Vrms across PRI, 5.7 ohm load on transmit and 1k ohm load on receive
LONGITUDINAL CONVERSION LOSS*	100 ohm input, tie(11+14, 2+3, 6+7)
INSERTION LOSS	20k - 2.2MHz
	300kHz, 5.7 ohm load

\*Using Audio Precision System Two Distortion Analyzer.  
 \*Per Infineon Technologies' LCL test procedure.

FREQ.	LCL LIMITS			
	TERM. 1	TERM. 2-3	TERM. 4	TERM.
1.1MHz	>45dB	>57dB	>45dB	>45dB
2.2MHz	>38dB	>51dB	>38dB	>38dB

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

GENERAL SPECIFICATIONS:  
 OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Designed to comply with the following requirements as defined by EN60950-1, UL60950-1/CSA60950-1 and IEC60950-1:  
 - Supplementary insulation for a primary circuit at a working volt

REV.	DATE	Packaging Specifications		CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 Footprint: ±.005	PART #
6F	11/11	Method: Tape & Reel		MIDCOM		5
6E	11/09	PKG-0325		MIDCOM		
6D	8/07	www.we-online.com/midcom		MIDCOM		
6C	5/07	SEE REVISION SHEET FOR REVISION LEVEL		MIDCOM		

DRAWING TITLE

TRANSFORMER


eISos p/n: 750052237



SPEC

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