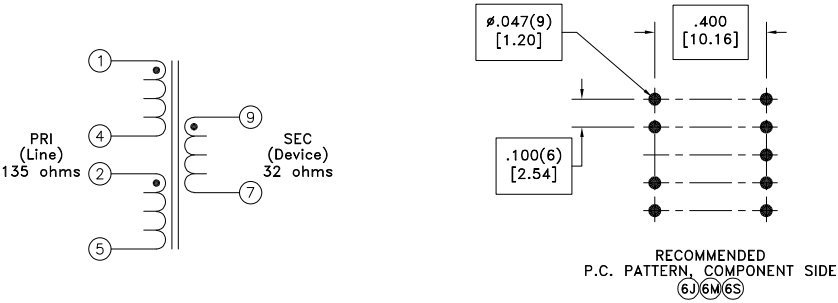
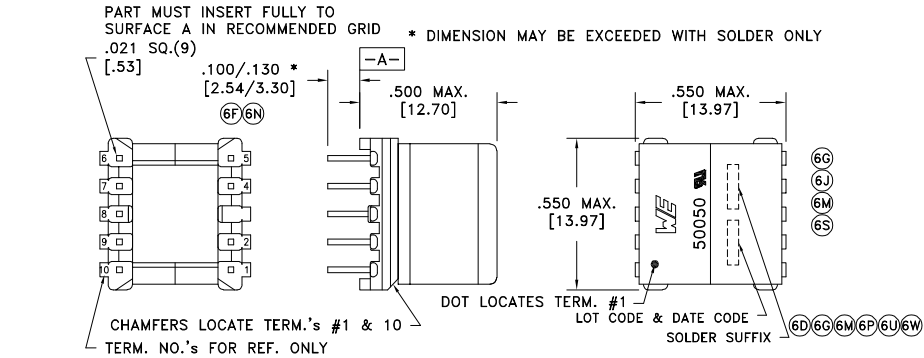


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6U6W	more than you expect
LF1	Sn96%, Ag4%	Yes	Yes		



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

PARAMETER	TEST CONDITIONS	VALUE
D.C. RESISTANCE	PRI	@20°C
D.C. RESISTANCE	SEC	@20°C
6N PRIMARY INDUCTANCE	1-5	tie(2+4), 10kHz, 100mVAC, Ls
6N LEAKAGE INDUCTANCE	1-5	tie(2+4, 9+7), 100kHz, 100mVAC, Ls
6Q DIELECTRIC	PRI-SEC	2050VAC, 1 second
6N TURNS RATIO		(1-5):(9-7), tie(2+4)
6N TOTAL HARMONIC DISTORTION		20kHz, 4.5Vp-p across PRI, 32 ohm load, 135 ohm input, tie(2+4)
LONGITUDINAL BALANCE		40kHz - 300kHz
6P FREQUENCY RESPONSE		40kHz - 300kHz
6P INSERTION LOSS		300kHz, Rs = 135 ohms, RL = 32 ohms
RETURN LOSS		40k - 300kHz, Rs = 135 ohms, RL = 32 ohms

GENERAL SPECIFICATIONS:

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

D.C. CURRENT: 160mA.

- 6C 6J 6M 6Q 6S 6U 6W
- Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Supplementary insulation for a primary circuit at a working voltage of 300Vrms.
 - Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

Designed to work with Brooktree BT8921 at a data rate of 1,168kbs.

6W Wire insulation & RoHS status not affected by wire color.
Wire insulation color may vary depending on availability.

DETAILS SUBJECT TO CHANGE

REV.	DATE	Packaging Specifications	CONVENTION PLACEMENT	Tolerances unless otherwise specified: Angles: ±1° Fractions: ±1/64 Decimals: ±.005 Footprint: ±.001	DRAWING TITLE TRANSFORMER	PART NO. 50050-LF1
6X	8/22	Method: Tray	6X		eiSos p/n: 750050050	6W6U
6W	12/17	PKG-1292				
6V	2/12	www.we-online.com/midcom				
6U	7/05	SEE REVISION SHEET FOR REVISION LEVEL		This drawing is dual dimensioned. Dimensions in brackets are in millimeters.		
					compliant RoHS	SPECIFICATION SHEET 1 OF 1

6C 6H 6J 6M 6Q 6S 6U 6W	AGENCY NUMBER
6H 6P	ACA/AUSTEL US/9168/UL
6H 6P	IEC60950-1 (Via CB cert.) US/9168/UL
6H 6P	JAPAN (Via CB cert.) US/9168/UL
6Q	UL60950-1 E205930
6Q	CSA60950-1 (Via CUL) E205930