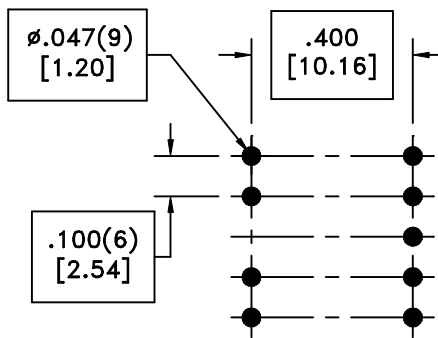
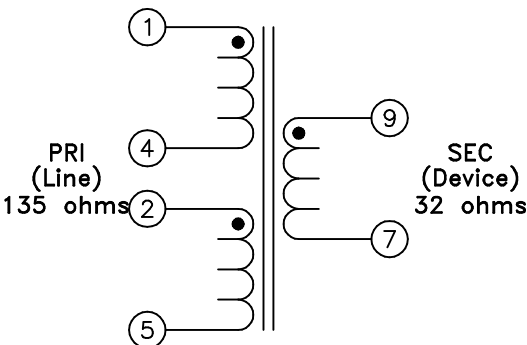
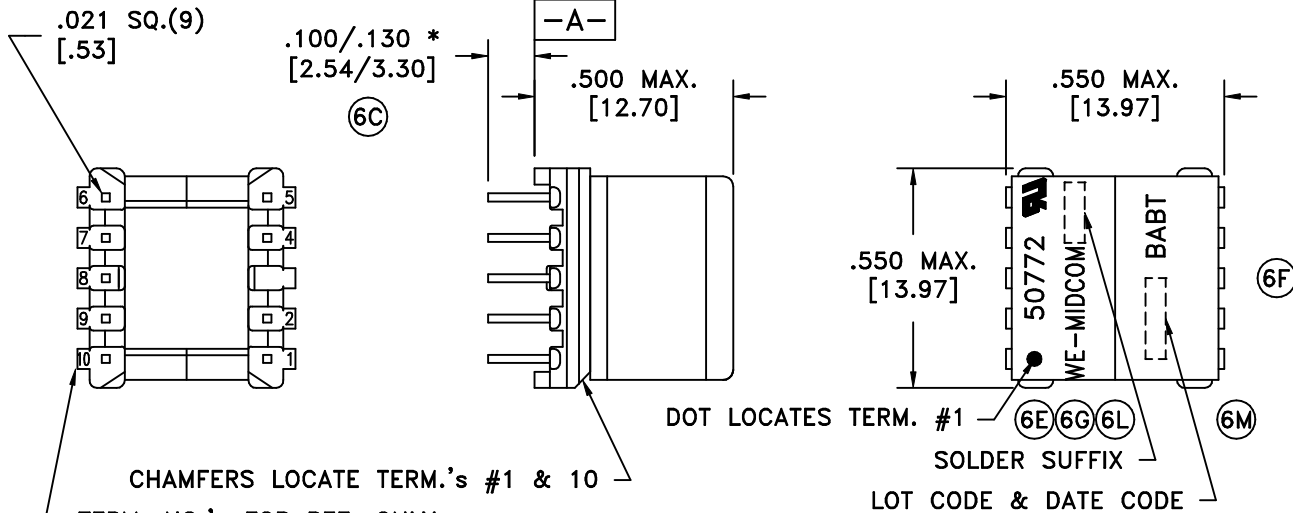


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6M
	Sn63%, Pb37%	No	No	
LF1	Sn96%, Ag4%	Yes	Yes	

PART MUST INSERT FULLY TO SURFACE A IN RECOMMENDED GRID

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



RECOMMENDED P.C. PATTERN, COMPONENT SIDE

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 50dB min., 1k - 300kHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C):
 1-4, 2.43 ohms ±10%.
 2-5, 2.43 ohms ±10%.
 9-7, 1.46 ohms ±10%.

INSERTION LOSS: 0.5dB max., 40kHz.

6F DIELECTRIC RATING: 2000VAC, 1 minute tested by applying 2050VAC for 1 second between 1-9; 2-9.

INDUCTANCE: 2mH ±6%, 10kHz, 100mVAC, 0/160mADC, 1-5(2+4), Ls.

LEAKAGE INDUCTANCE: 30uH max., 100kHz, 100mVAC, 1-5(tie 2+4, 9+7), Ls.

TURNS RATIO: (1-5):(9-7) = 2:1, tie(2+4), ±1%.

TOTAL HARMONIC DISTORTION: -60dB typ., 1kHz, +13.5dBm, 32 ohm load, 135 ohm input, tie(2+4).

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

Designed for use with Conexant's RS8973 SDSL/HDSL transceiver.

6B Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:

- 6H - Supplementary insulation for a primary circuit at a working voltage of 300Vrms.
- 6L - Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

DETAILS SUBJECT TO CHANGE

6C 6H 6L	
AGENCY NUMBER	
6G	BABT NC/012205
6E	UL 60950-1 E205930
6E	CSA 60950-1 (Via CUL) E205930
6N 6G	IEC 60950-1 (Via CB cert.) US/9168/UL
6N 6G	JAPAN (Via CB cert.) US/9168/UL
6N 6G	ACA/AUSTEL (Via CB cert.) US/9168/UL

Midcom, Inc.
 Watertown, SD USA
 Toll Free: 800-643-2661
 Fax: 605-886-4486

Unless otherwise specified:
 Tolerances: Fractions: ±1/64
 Angles: ±1° Decimals: ±.005 [0.13]

DRAWING TITLE
TRANSFORMER

Midcom

DRAWING NO. 6M REV. 9/06
50772/-LF1

This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

REVISIONS: SEE SHEET 1

SCALE --- 6C SHEET 2 OF 6

DWG.# 50772/-LF1