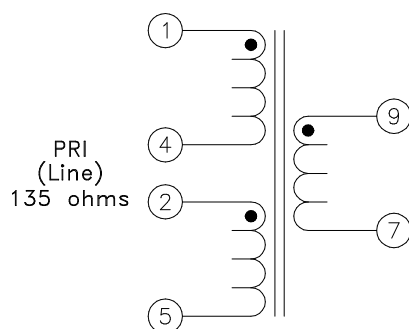
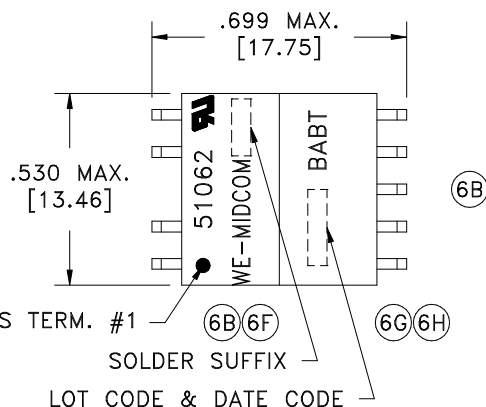
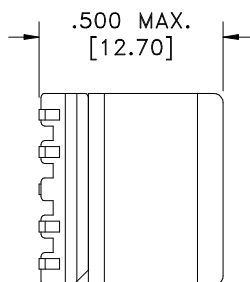
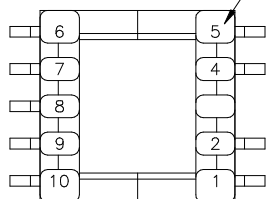
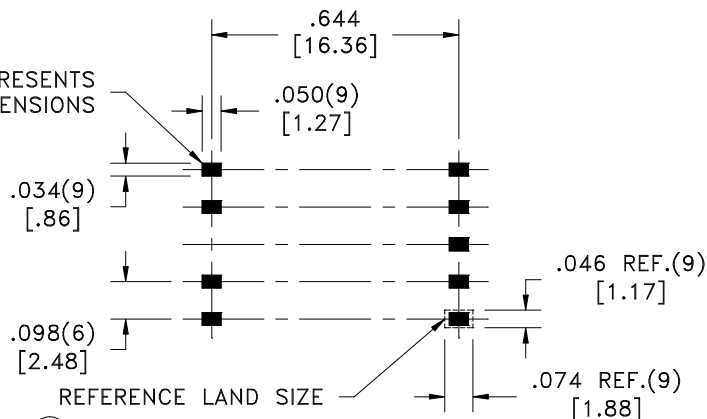


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	(6G)
	Sn63%, Pb37%	No	No	
LF1	Sn96%, Ag4%	Yes	Yes	

TERM. NO.'s FOR REF. ONLY



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



(6E) CUSTOMER TO DETERMINE LAND LAYOUT

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 $\pm 10\%$.
2-5, 2.43 ohms $\pm 10\%$.
9-7, 1.46 ohms $\pm 10\%$.

INSERTION LOSS: 0.5dB max., 40kHz, 32 ohm load.

(6B) DIELECTRIC RATING: 2000VAC, 1 minute tested by applying 2500VAC for 1 second between 1-9; 2-9.

INDUCTANCE: 2mH $\pm 6\%$, 10kHz, 100mVAC, 0/160mADC, 1-5(tie 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), $\pm 1\%$.

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 CN8973 SDSL/HDSL transceiver.

Midcom p/n 51062R-LF1 is eiSos p/n: 750051062.

(6B) 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 250Vrms.
- Reinforced insulation for a secondary circuit at a working voltage of 150VDC.

DETAILS SUBJECT TO CHANGE

(6B) AGENCY NUMBER	
(6K)(6C) BABT	NC/012205
UL60950-1	E205930
CSA60950-1 (Via CUL)	E205930
IEC60950-1 (Via CB cert.)	NO 11076
ACA/AUSTEL (Via CB cert.)	NO 11076
JAPAN (Via CB cert.)	NO 11076

Unless otherwise specified:
Tolerances:
Angles: $\pm 1^\circ$
Fractions: $\pm 1/64$
Decimals: $\pm .005$ [.13]

DRAWING TITLE

TRANSFORMER

eiSos p/n: 750051062

Midcom 
www.midcom-inc.com

PART NO.

51062R/-LF1

(6G)

REV.

6K
1/09

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

SEE REVISION SHEET FOR REVISION LEVEL

SPECIFICATION SHEET 1 OF 1

PART #
51062R/-LF1