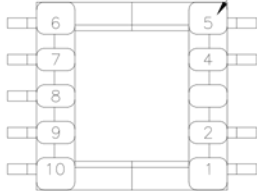
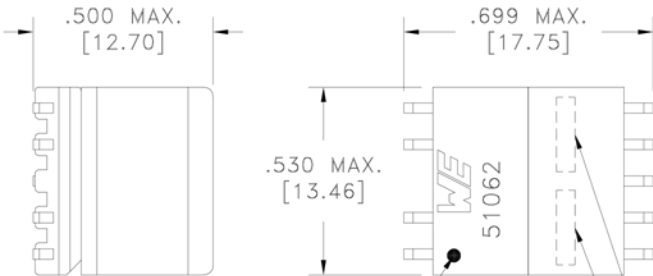


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6G6L
LF1	Sn96%, Ag4%	Yes	Yes	

TERM. NO.'s FOR REF. ONLY

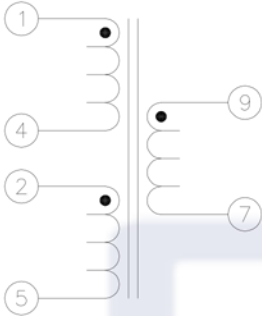




DOT LOCATES TERM. #1

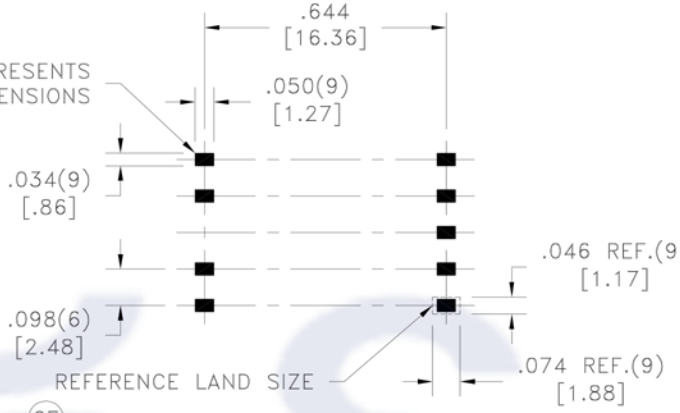
LOT CODE & DATE CODE

SOLDER SUFFIX



PRI
(Line)
135 ohms

SEC
(Device)
32 ohms



AREA REPRESENTS
TERMINAL PAD DIMENSIONS

REFERENCE LAND SIZE

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 ±10%.
2-5, 2.43 ohms ±10%.
9-7, 1.46 ohms ±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 ±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), ±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.

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.

6L Wire insulation & RoHS status not affected by wire color.

Wire insulation color may vary depending on availability.

6B6C6K6L

AGENCY NUMBER	
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

DETAILS SUBJECT TO CHANGE

Unless otherwise specified:
Tolerances:
Angles: ±1°
Fractions: ±1/64
Decimals: ±.005[.13]

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

DRAWING TITLE

TRANSFORMER

eiSos p/n: FKS750051062

PART NO.

FKS51062R-LF1

6L6G REV.
6L
1/18

SPECIFICATION SHEET

1 OF 1