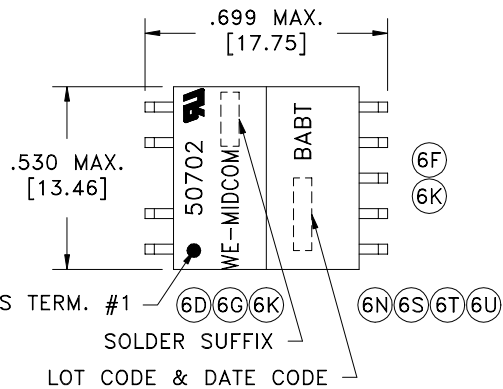
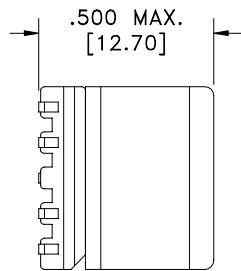
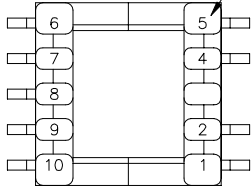
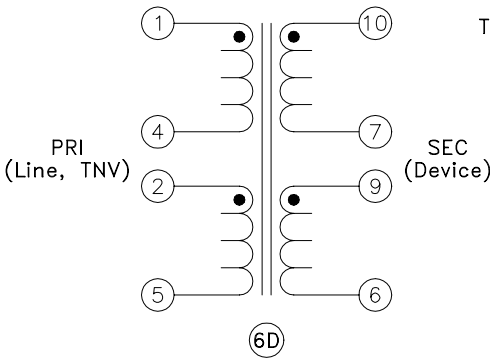


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6T
	Sn63%, Pb37%	No	No	
LF1	Sn96%, Ag4%	Yes	Yes	

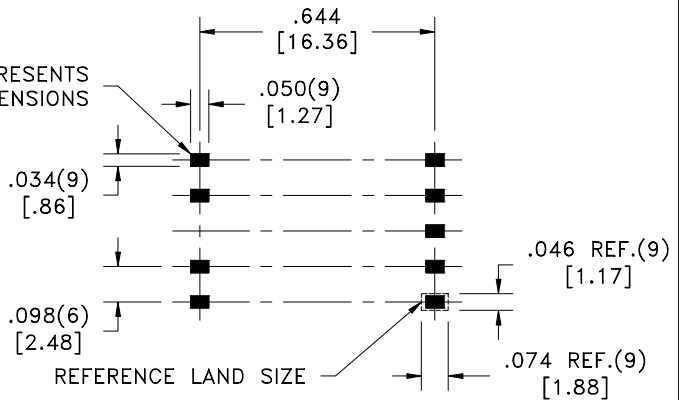
TERM. NO.'s FOR REF. ONLY



DOT LOCATES TERM. #1  
SOLDER SUFFIX  
LOT CODE & DATE CODE



AREA REPRESENTS TERMINAL PAD DIMENSIONS



6H 6R CUSTOMER TO DETERMINE LAND LAYOUT

**ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:**

IMPEDANCE: Designed to reflect 100 ohms on the PRI with 25 ohm load on SEC.  
LONGITUDINAL BALANCE: 50dB min., 20kHz - 1MHz, per ITU Method (L->M).  
D.C. RESISTANCE (@20°C): 10-7, 0.336 ohms max. 1-4, 0.684 ohms max.  
9-6, 0.336 ohms max. 2-5, 0.684 ohms max.

6D DIELECTRIC RATING: 500VAC, 1 minute tested by applying 625VAC for 1 second between 1-2.  
6E 1500VAC, 1 minute tested by applying 1875VAC for 1 second between PRI - SEC.

INDUCTANCE: 409.5uH ±5%, 10kHz, 100mVAC, 1-5(tie 2+4), Ls.  
LEAKAGE INDUCTANCE: 6.5uH max., 300kHz, 100mVAC, 1-5(tie 2+4, 9+7, 10+6), Ls.

6D 6E TURNS RATIO:  
(2-5):(10-7) = 2:1, ±1%.  
(2-5):(9-6) = 2:1, ±1%.  
(2-5):(1-4) = 1:1, ±1%.

6H TOTAL HARMONIC DISTORTION: -78dB max., 30kHz, +20dBm, 25 ohm load, 100 ohm input, tie(2+4, 7+9).

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

Midcom p/n 50702R-LF1 is eiSos p/n: 750050702.

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

6P 6U - Supplementary insulation for a primary circuit at a working voltage of 250Vrms.

DETAILS SUBJECT TO CHANGE

6D 6G 6U AGENCY NUMBER	
6P 6M 6F	BABT NC/012203
6P	UL60950-1 E205930
6P	CSA60950-1 (Via CUL) E205930
6X 6F	IEC60950-1 (Via CB cert.) US/9168C/UL
6X 6F	JAPAN (Via CB cert.) US/9168C/UL
6X	ACA/AUSTEL (Via CB cert.) US/9168C/UL

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

DRAWING TITLE

**TRANSFORMER**

eiSos p/n: 750050702



DRAWING NO. 6T 6N REV. 6X 4/08

**50702R/-LF1**

REVISIONS: SEE SHEET 1

SCALE ---

SHEET 2 OF 6

DWG.# 50702R/-LF1