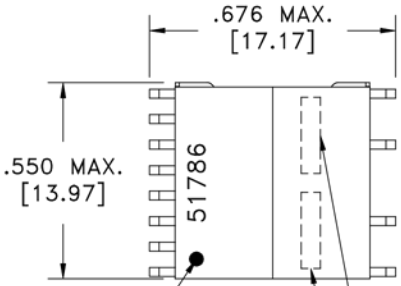
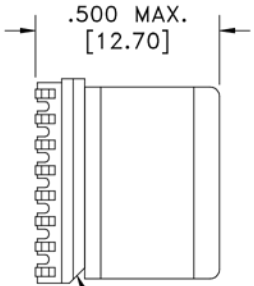
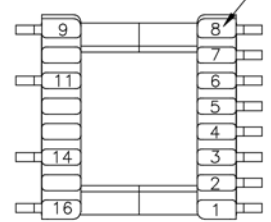


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes

6F

TERM. NO.'s FOR REF. ONLY



6D

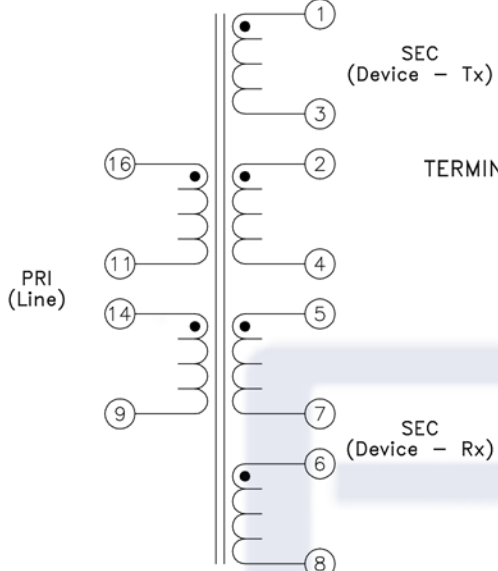
CHAMFERS LOCATE TERM.'s #1 & 16

DOT LOCATES TERM. #1

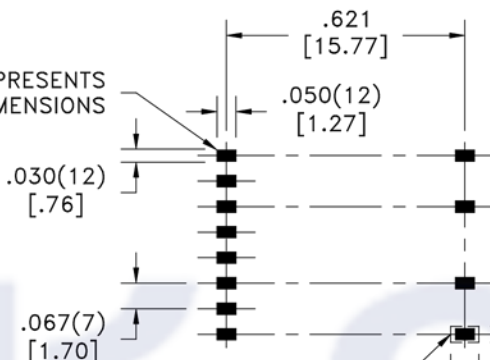
6E 6F

LOT CODE & DATE CODE

SOLDER SUFFIX



AREA REPRESENTS
TERMINAL PAD DIMENSIONS



REFERENCE LAND SIZE

CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE:	55dB min., 35k - 650kHz, per ITU Method (L->M).
6B D.C. RESISTANCE (@20°C):	16-11, 1.90 ohms ±10%. 2-4, 0.435 ohms ±10%. 14-9, 1.35 ohms ±10%. 5-7, 0.770 ohms ±10%. 1-3, 0.435 ohms ±10%. 6-8, 0.770 ohms ±10%.
INSERTION LOSS:	1.0dB max., 150kHz, 6.25 ohm load.
DIELECTRIC RATING:	1500VAC, 1 minute tested by applying 1875VAC for 1 second between 16-1(tie 11+14, 2+3); 16-5(tie 11+14, 6+7).
INDUCTANCE:	700uH ±6%, 10kHz, 100mVAC, 16-9(tie 11+14), Ls.
6B LEAKAGE INDUCTANCE:	30uH max., 100kHz, 100mVAC, 16-9(tie 11+14, 2+3, 1+4), Ls. 28uH max., 100kHz, 100mVAC, 16-9(tie 11+14, 6+7, 5+8), Ls.
TURNS RATIO:	(16-9):(1-4) = 4:1, tie(11+14, 2+3), ±1%. (16-9):(5-8) = 2:1, tie(11+14, 6+7), ±1%.
TOTAL HARMONIC DISTORTION:	-88dB max., 20kHz, 15Vp-p across PRI, 5.6 ohm load on transmit and 300 ohm load on receive, 100 ohm input, tie(11+14, 2+3, 6+7).
INTERWINDING CAPACITANCE:	50pF max., 100kHz, 100mVAC, 16-1(tie 11+14, 2+3); 16-5(tie 11+14, 6+7), Cs.
OPERATING TEMPERATURE RANGE:	-40°C to +85°C.

Designed to comply with the following requirements as defined by IEC60950,

EN60950, UL60950/CSA60950 and AS/NZS60950:

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

Midcom p/n 51786R-LF1 is eiSos p/n:FKS750051786

6C

AGENCY NUMBER	
UL60950	E205930
CSA60950 (Via CUL)	E205930

DETAILS SUBJECT TO CHANGE

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE	
	TRANSFORMER	
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.	eiSos p/n: FKS750051786	
	SEE REVISION SHEET FOR REVISION LEVEL	
PART NO.		REV.
FKS51786R/-LF1		6H
SPECIFICATION SHEET 1 OF 1		7/07

PART # 51786R/-LF1