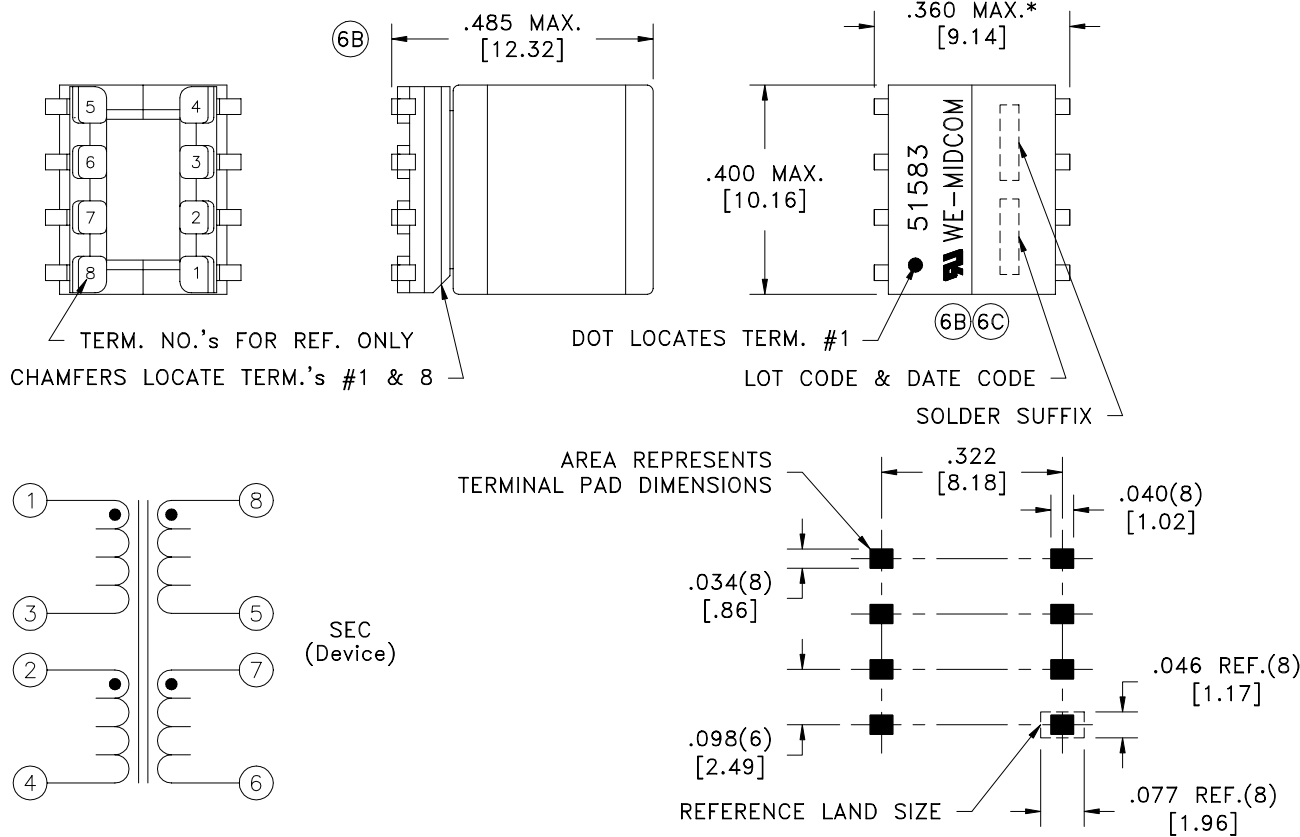


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE (6B)
	Sn63%, Pb37%	No	No
LF1	Sn96%, Ag4%	Yes	Yes

* DIMENSION MAY BE EXCEEDED WITH SOLDER ONLY



CUSTOMER TO DETERMINE LAND LAYOUT

ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- LONGITUDINAL BALANCE: 45dB min., 20k - 1.1MHz, per ITU Method (L->M).
- (6D) D.C. RESISTANCE (@20°C): 1-3, 0.880 ohms max. 8-5, 1.25 ohms max.
2-4, 0.880 ohms max. 7-6, 1.25 ohms max.
- INSERTION LOSS: 0.4dB max., 300kHz, 123 ohm load; 0.75dB max., 1MHz, 123 ohm load.
- DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8(tie 2+3, 5+7).
- INDUCTANCE: 1.00mH $\pm 7\%$, 10kHz, 100mVAC, 1-4(tie 2+3), Ls.
- LEAKAGE INDUCTANCE: 6 - 10uH, 100kHz, 100mVAC, 1-4(tie 2+3, 5+7, 6+8), Ls.
- TURNS RATIO: (8-6):(1-4) = 1.11:1, tie(2+3, 5+7), $\pm 2\%$.
- TOTAL HARMONIC DISTORTION: -85dB max., 150kHz, 12Vp-p across PRI, 123 ohm load, 100 ohm input, tie(2+3, 5+7).
- INTERWINDING CAPACITANCE: 50pF max., 10kHz, 1.0VAC, 1-8(tie 2+3, 5+7), Cs.
- OPERATING TEMPERATURE RANGE: -40°C to +85°C.

Midcom p/n 51583R-LF1 is eiSos p/n: 750051583.

- (6C) Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:
- Basic insulation for a primary circuit at a working voltage of 250Vrms.

(6C) AGENCY NUMBER	
UL60950-1	E205930
CSA60950-1 (Via CUL)	E205930

DETAILS SUBJECT TO CHANGE

Unless otherwise specified: Tolerances: Angles: $\pm 1^\circ$ Fractions: $\pm 1/64$ Decimals: $\pm .005 [.13]$	DRAWING TITLE <h1>TRANSFORMER</h1>		DRAWING NO. <h2>51583R/-LF1</h2>	REV. 6E 6/07	DWG # 51583R/-LF1
	eiSos p/n:				
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.					