

## Excellent Integrated System Limited

Stocking Distributor

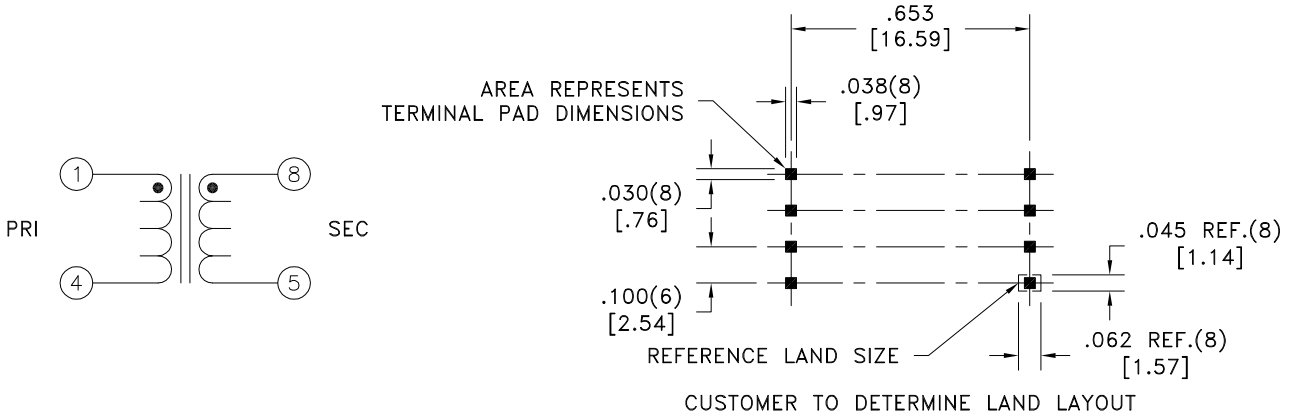
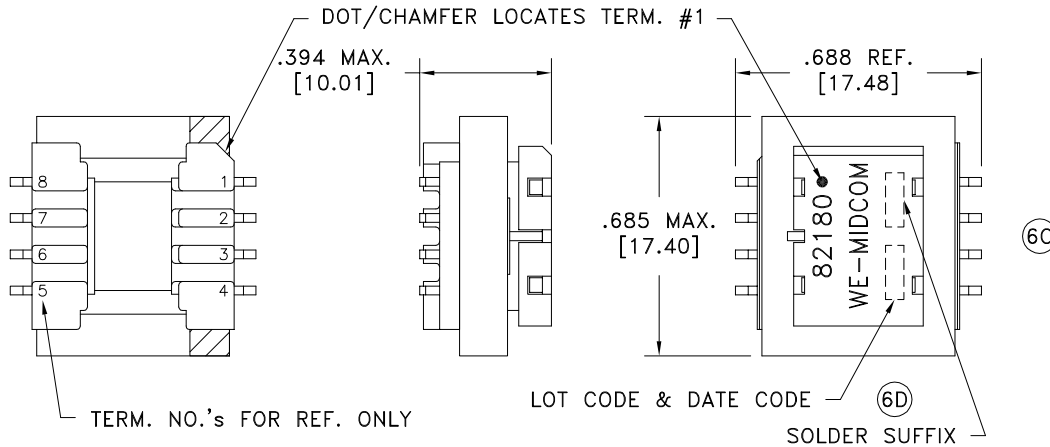
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Wurth Electronics Midcom](#)  
[750082180](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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



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

LONGITUDINAL BALANCE: 60dB min., 200 - 1000Hz; 40dB min., 1000 - 4000Hz, per FCC part 68.

6G D.C. RESISTANCE (@20°C): 1-4, 57 ohms ±10%.  
5-8, 68 ohms ±10%.

FREQUENCY RESPONSE: ±0.25dB, 200 - 4000Hz.

INSERTION LOSS: 1.0dB ±0.5dB, 1000Hz, per IEEE method, 523 ohm load.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-8.

RETURN LOSS: 20dB min., 200 - 4000Hz, 523 ohm load.

TURNS RATIO: (1-4):(8-5) = 1:1, ±1%.

TOTAL HARMONIC DISTORTION: -76dB max., 600Hz, -10dBm.

Midcom p/n 82180R-LF1 is eiSos p/n: 750082180

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.

AGENCY NUMBER	
BABT	NC/012300
UL60950-1	E205930
CSA60950-1 (Via CUL)	E205930
IEC60950-1 (Via CB cert.)	US/8779/UL
JAPAN (Via CB cert.)	US/8779/UL
ACA/AUSTEL	US/8779/UL

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: 750082180

SEE REVISION SHEET FOR REVISION LEVEL



PART NO.

**82180R-LF1**

6D(6G)

REV.

6G

11/12

SPECIFICATION SHEET 1 OF 1

PART # 82180R-LF1