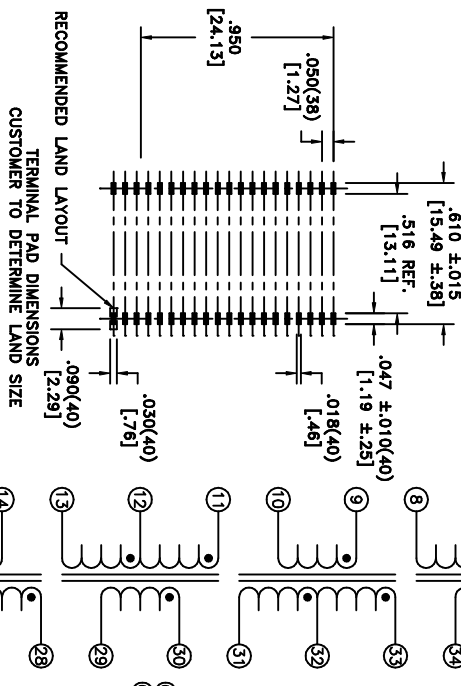
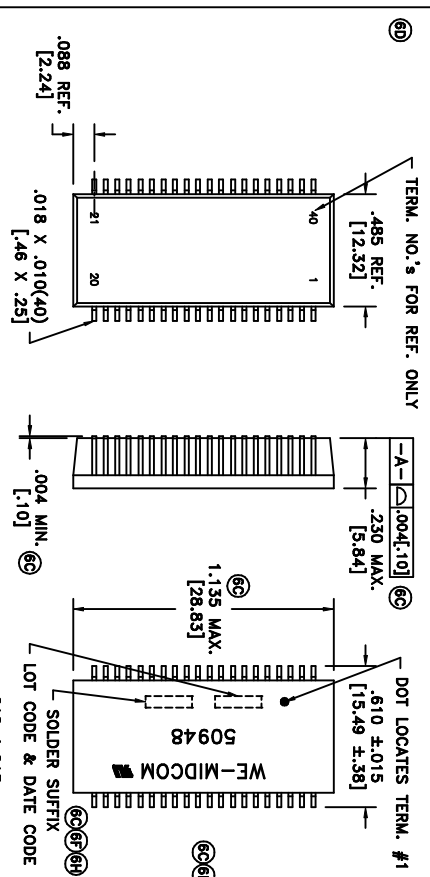




SOLDER SUFFIX	CUSTOMER TERMINAL	ROHS	LEAD(Pb)-FREE
LF1	Sn63%, Pb37%	No	No
	Sn86%, Ag14%	Yes	No



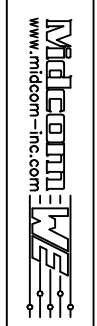
REV.	DATE
6K	10/07
6J	10/06
6H	3/06
6G	4/05
6F	12/04

DETAILS SUBJECT TO CHANGE

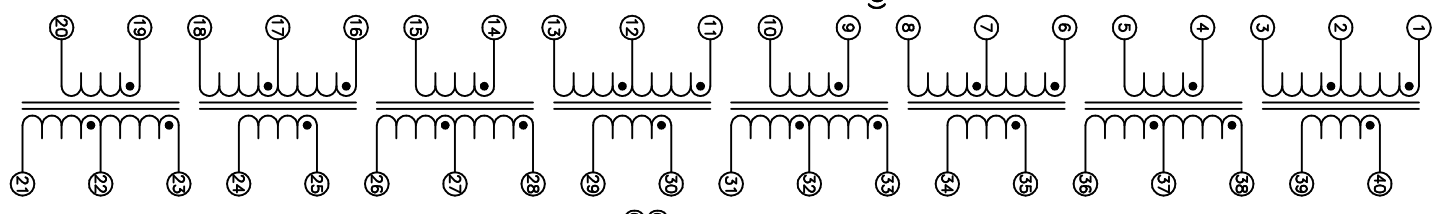
Packaging Specifications  
Method: Tape & Reel  
PKG-0351  
www.midcom-inc.com

Unless otherwise specified:  
Tolerances: Fractions: ±1/64  
Angles: ±1° Decimals: ±.005[.127]  
This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

DRAWING TITLE  
**TRANSFORMER**  
PDFP-G40  
eISos p/n: 750050948



DRAWING NO.  
**50948R-LF1**  
SCALE ---  
SHEET 2 OF 7



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

**LONGITUDINAL BALANCE:** 35dB min., 1.544MHz, per ITU Method (L->M).

**D.C. RESISTANCE @20°C):** 1-3; 4-5; 6-8; 9-10; 11-13; 14-15; 16-18; 19-20; 23-21; 25-24; 28-26; 30-29; 33-31; 36-34; 38-36; 40-39, 0.70 ohms max.

**DIELECTRIC RATING:** 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-40; 4-36; 6-35; 9-33; 11-30; 14-28; 16-25; 19-23.

**INDUCTANCE:** 1.2mH min., 10KHz, 100mVAC, 1-3; 6-8; 11-13; 16-18; 23-21; 28-26; 33-31; 38-36, 1s.

**LEAKAGE INDUCTANCE:** 0.5uH max., 100KHz, 100mVAC, 1-3( tie 40+39); 6-8( tie 35+34); 11-13( tie 30+29); 16-18( tie 25+24); 23-21( tie 19+20); 28-26( tie 14+15); 33-31( tie 9+10); 38-36( tie 4+5), 1s.

**TURNS RATIO:** (1-3):(40-39); (6-8):(35-34); (11-13):(30-29); (16-18):(25-24); (23-21):(19-20); (28-26):(14-15); (33-31):(9-10); (38-36):(4-5) = 1.26:1, ±2%.

**INTERWINDING CAPACITANCE:** 25pF max., 100KHz, 100mV, 1-40; 38-4; 6-35; 33-9; 11-30; 28-14; 16-25; 23-19, Cs.

**OPERATING TEMPERATURE RANGE:** -40°C to +85°C.  
Midcom p/n 50948R-LF1 is eISos p/n: 750050948.

Ⓢ Designed to comply with the following requirements as defined by IEC60950-1, EN60950-1, UL60950-1/CSA60950-1 and AS/NZS60950.1:  
- TNV-1 to SELV isolation.

AGENCY NUMBER
UL60950-1 E205930
CSA60950-1 E205930 (Via CU)