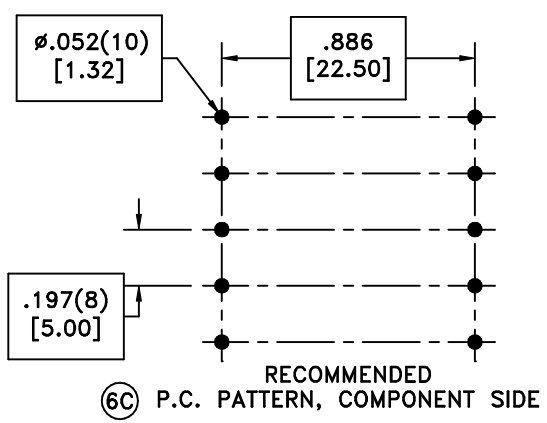
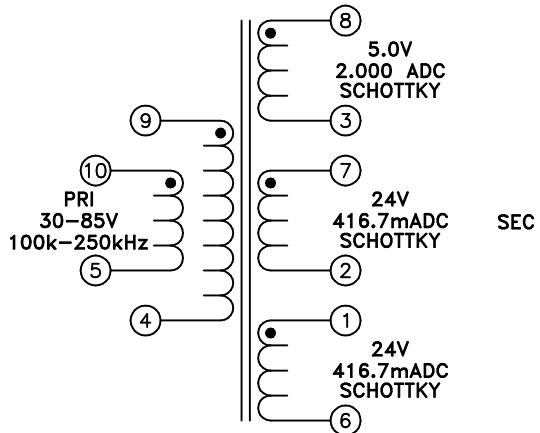
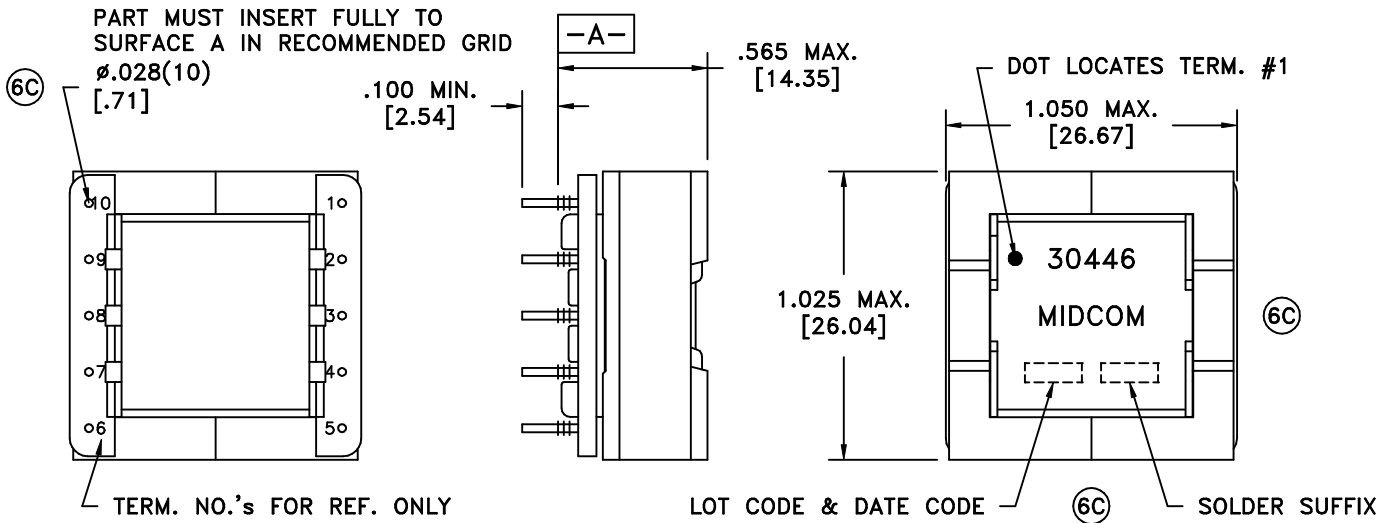


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	6C
	Sn63%, Pb37%	No	No	
LF1	Sn96%, Ag4%	Yes	Yes	



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE (@20°C): 10-5, 0.190 ohms max. 7-2, 0.436 ohms max.
1-6, 0.460 ohms max. 9-4, 0.074 ohms max.
8-3, 0.018 ohms max.
- DIELECTRIC RATING: 500VAC, 1 minute tested by applying 625VAC for 1 second between PRI-SEC.
- INDUCTANCE: 66uH ±10%, 100kHz, 100mVAC, 9-4, Ls.
- LEAKAGE INDUCTANCE: 650nH typ. 100kHz, 100mVAC, 9-4(tie 8+3, 7+2, 10+5, 4+5, 10+9), Ls.
- URNS RATIO: (10-5):(9-4) = 1:1, ±1%. (7-2):(9-4) = 1.6:1, ±1%.
(1-6):(9-4) = 1.6:1, ±1%. (9-4):(8-3) = 2.778:1, ±1%.

TRANSFORMER INFORMATION:
Pout max.: 30.00W
Pout min.: 7.20W
Estimated Temp. Rise @ Pout max.: 44.0°C
Estimated Efficiency: 74%
Estimated Maximum Duty Cycle: 34.2%

SWITCH SELECTION INFORMATION
Input Voltage Range: 30 - 85V
Peak Current: 4.9A
Vsw @ Rated Output Voltages: 100 + (Vmax - 85)
Operating Frequency: 100k - 250kHz

Transformer will operate in Discontinuous Mode below Minimum Specified Output Voltage of Pout Min.
Pout min. varies with frequency of switcher (from 100 to 250kHz) Pout Min = 720.0/(Frequency in kHz) Watts

DETAILS SUBJECT TO CHANGE

Unless otherwise specified: Tolerances: Angles: ±1° Fractions: ±1/64 Decimals: ±.005[.13]	DRAWING TITLE <h2 style="text-align: center;">TRANSFORMER</h2>	 www.midcom-inc.com	PART NO. 6C <h2 style="text-align: center;">30446/-LF1</h2>	REV. 6C 3/05
	eiSos p/n: SEE REVISION SHEET FOR REVISION LEVEL			

PART # 30446/-LF1