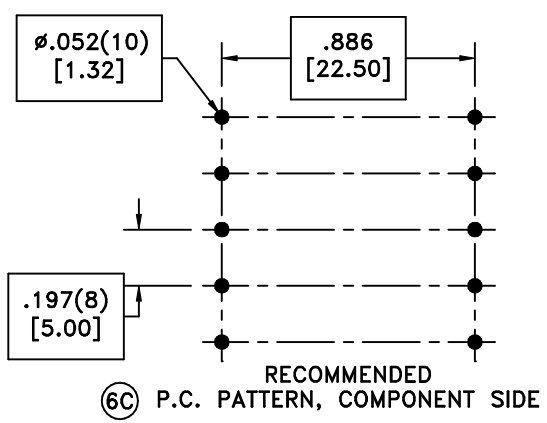
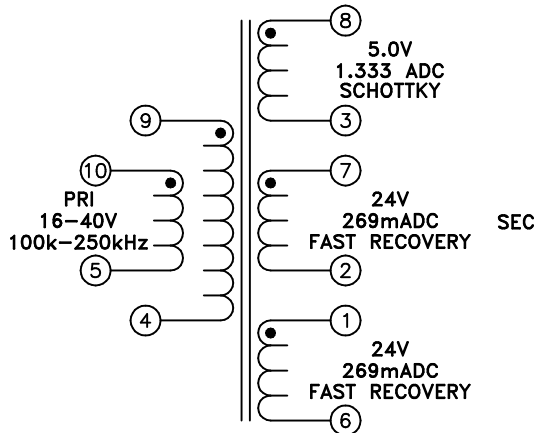
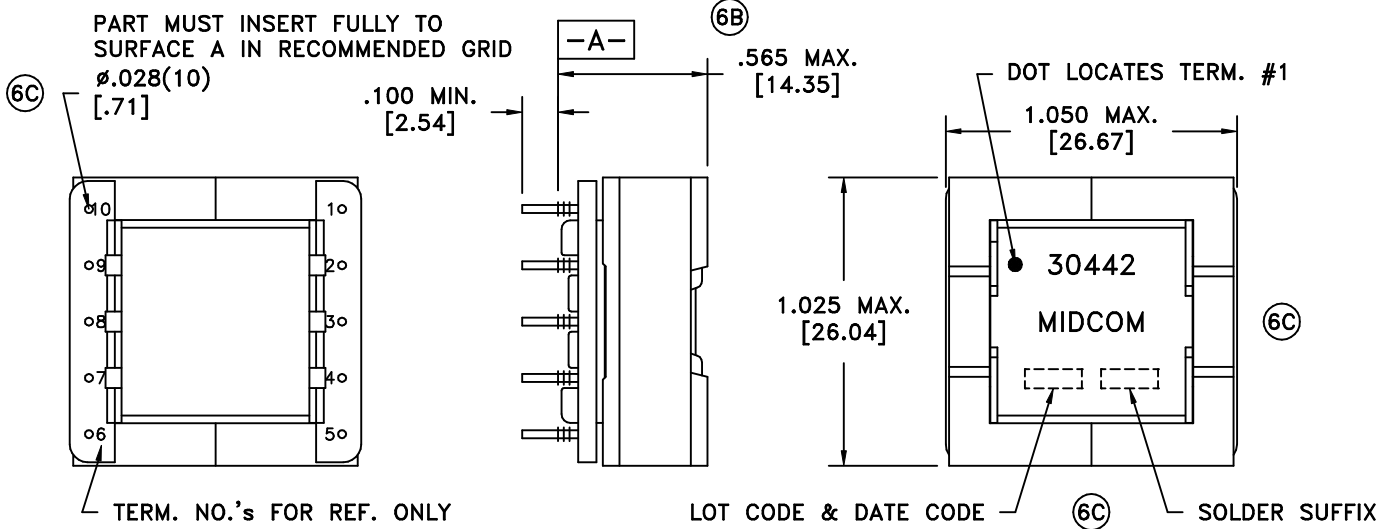


SOLDER SUFFIX	CUSTOMER TERMINAL	RoHS	LEAD(Pb)-FREE	(6C)
	Sn63%, Pb37%	No	No	
LF1	Sn96%, Ag4%	Yes	Yes	



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

- D.C. RESISTANCE (@20°C): 10-5, 0.135 ohms max. 7-2, 0.627 ohms max.
1-6, 0.661 ohms max. 9-4, 0.107 ohms max.
8-3, 0.027 ohms max.
- DIELECTRIC RATING: 500VAC, 1 minute tested by applying 625VAC for 1 second between PRI-SEC.
- INDUCTANCE: 55.9uH ±5%, 10kHz, 100mVAC, 10-5, Ls.
- LEAKAGE INDUCTANCE: 480nH typ. 100kHz, 100mVAC, 9-4(tie 8+3, 7+2, 1+6, 4+5, 10+9), Ls.
- TURNS RATIO: (10-5):(9-4) = 1:1, ±1%. (9-4):(7-2) = 0.460:1, ±1%.
(9-4):(1-6) = 0.460:1, ±1%. (9-4):(8-3) = 2.091:1, ±1%.

TRANSFORMER INFORMATION:
Pout max.: 20.00W
Pout min.: 5.76W
Estimated Temp. Rise @ Pout max.: 40.6°C
Estimated Efficiency: 75.9%
Estimated Maximum Duty Cycle: 44.7%

SWITCH SELECTION INFORMATION
Input Voltage Range: 16 - 40V
Peak Current: 4.95A
Vsw @ Rated Output Voltages: 52 + (Vmax - 40)
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 = 576.0/(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) REV. 6C <h2 style="text-align: center;">30442/-LF1</h2>	PART # 30442/-LF1
	eiSos p/n: SEE REVISION SHEET FOR REVISION LEVEL			