



RL-9500

GATE DRIVE TRANSFORMER

DESCRIPTION

- Gate Drive Transformer

ENVIRONMENTAL DATA

- Storage temperature range: -55°C to +130°C
- Operating temperature range: -40°C to +130°C

PACKAGING INFORMATION

- Contact Customer Support 800.645.5828

FEATURES & APPLICATIONS

- Primary winding isolated from secondary windings
- Toroid design provides optimal rise and fall time characteristics.
- 1:1:1 Turn Ratio
- Available in custom configurations

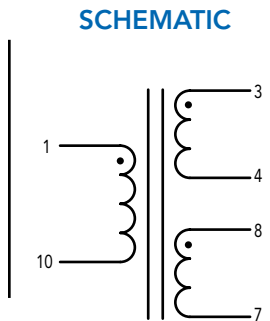
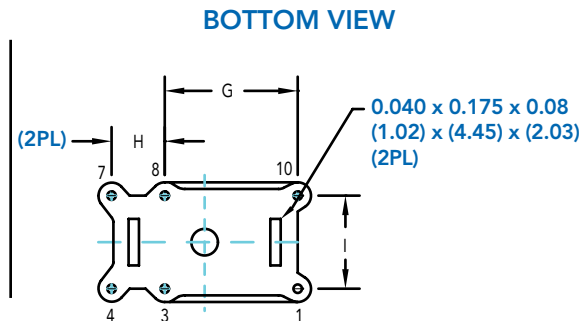
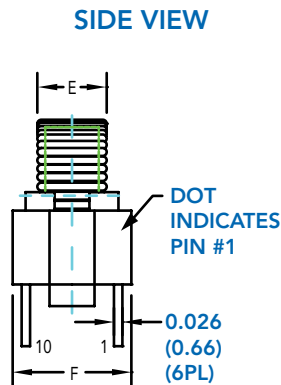
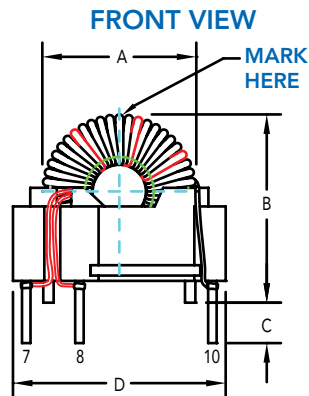
Verify operation with sample in actual circuit. Order samples at www.rencousa.com.

MECHANICAL DIMENSIONS

U.S. Standard (mm)

PART NUMBER	A	B	C (MIN.)	D	E	F	G
RL-9500	0.58 (14.73)	0.71 (18.03)	0.140 (3.56)	0.80 (20.32)	0.28 (7.11)	0.45 (11.43)	0.50 (12.70)

PART NUMBER	PART WEIGHT	H	I
RL-9500	4.68g (0.165oz)	0.20 (5.08)	0.350 (8.89)



Renco Part No.	Inductance (μH) Min.	ET (Volt-μS) Max.	Primary DCR Max. (Ohms)	Secondary DCR Max. (Ohms)	Leakage Inductance (μH) Max.	Turns Ratio
RL-9500-430	430	108	0.150	0.150	7.0	1:1:1
RL-9500-765	765	108	0.111	0.197	2.0	1:1:1

NOTES:

1. INDUCTANCE TESTED AT 10 kHz, 0.1 Vrms
2. 3000V DIELECTRIC WITHSTANDING BETWEEN PRIMARY AND SECONDARY WINDINGS
3. TEMPERATURE RISE IS DEPENDENT ON LOAD CONDITION



RENCO ELECTRONICS INC.



595 International Place, Rockledge, FL 32955-4200 USA • www.rencousa.com • ISO 9001 Certified
Toll Free Engineering Hot Line: 800.645.5828 • P: 321.637.1000 • F: 321.637.1600