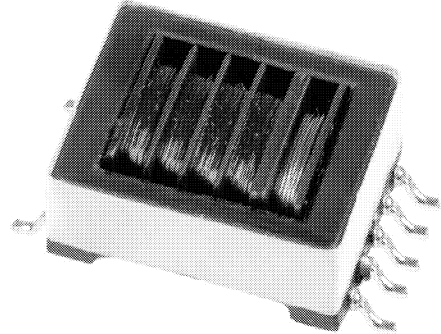


High Voltage Inverter Transformer Royer Driver Topology

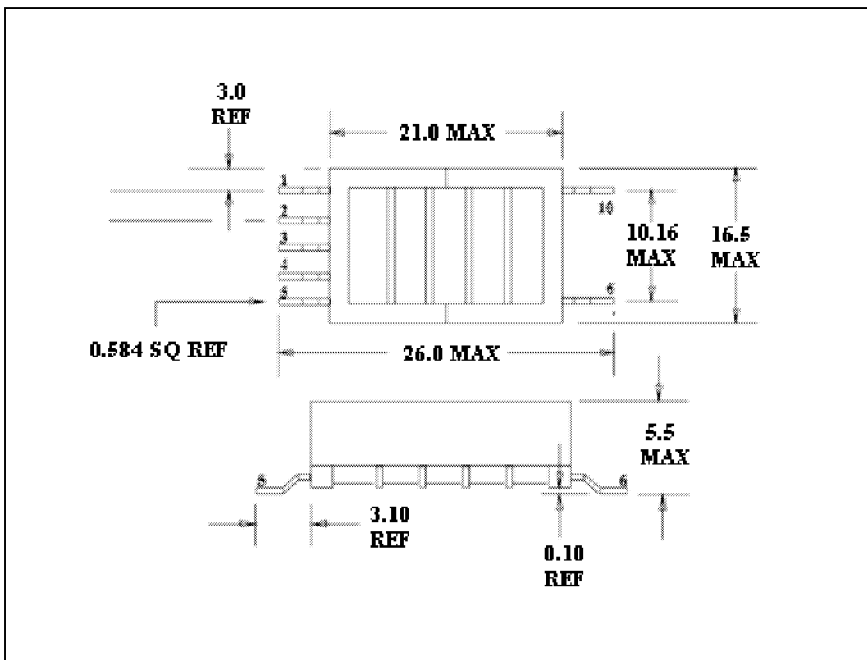
- Operating Frequency Range: 45KHz to 65kHz.
- Dielectric Withstanding Voltage:
 - 1500VRMS WDGS/Core
 - 1500VRMS Primary/Secondary
 - 500VRMS Primary/Feedback
- Operating Temperature Range: 0°C to +85°C.
- Resistance to Solder Heat: (+260°C±5°C for 20 to 40 seconds)
- RoHS - Compliant.



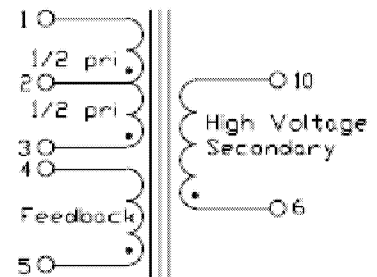
CHARACTERISTICS

PART NUMBER	L Primary (μH)	L Secondary (μH)	L Feedback (μH) MAX	LL (1-3) 6-10 shorted (μH) MAX	TURNS RATIO PRI : SEC	DCR Primary (Ohms) MAX	DCR Secondary (Ohms) MAX	POWER (Watts) MAX	SRF (MHz) MIN
R110215	25 nom.	560 nom.	5.0	5.0	150	1-3 = 0.160	6-10 = 490	3.0	160

MECHANICAL OUTLINE



SCHEMATIC



RECOMMENDED PCB LAYOUT

