

UI9.8 INVERTER TRANSFORMER

Part Number: G064199LF

Electrical Requirements:

Inductance:	(5-6): 1.4 H Min, @ 1KHz, 1V
Leakage Inductance:	(5-6): 340.0 mH $\pm$ 10% @ 50KHz, 1V, with 3 to 1 shorted (3-1): 27.5 μ H $\pm$ 10% @ 50KHz, 1V, with 5 to 6 shorted
RDC:	(5-6): 915.0 Ω $\pm$ 20%, (3-1): 110.0 m Ω $\pm$ 20%
Turns Ratio:	(5-6):(3-1)=1:0.0084 $\pm$ 5% @ 100KHz, 0.1V
Hipot:	3 to 5 and core: 500VAC for 2 Sec. @ 3mA, 5 to core: 1,600VAC for 2 Sec. @ 3mA
Insulation Resistance:	3 to 5 and 5 to core: 100 M Ω Min @ 500VDC

Mechanical Requirements:

Unit: mm

Schematic:

