

# PART NUMBER: 125LC3600KL505HM6

Conduction Cooled (High Density Resonant)

**Parts are RoHS compliant**

## ELECTRICAL SPECIFICATIONS

**Capacitance:** 1.2 uF

**AC Current:** 650 A

**ESR:** 0.5 milliOhms at 100 kHz and 20°C

**Self Inductance:** 5 Nanohenries maximum

**Tolerance:** -10 % , +10 %

**Temperature Range:** -40°C to +85°C

**Maximum Core Temperature:** 85°C

**Resonant Frequency:** 111-187 kHz

**Maximum power (KVAR):** 300

**VAC:** 600 Volts AC

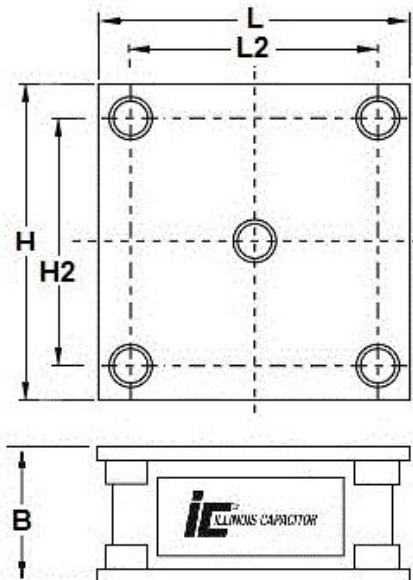
## PHYSICAL DIMENSIONS

**Length (L):** 50 mm, 1 mm

**Height (H):** 50 mm, +/- 1 mm

**Thickness (B):** 34 mm, +/-0.5 mm

### LEAD STYLE: 5HM6



L	H	B	H2	L2
50±1.0	50±1.0	34±0.5	36±1.0	36±1.0
Mounting Holes: M6 Tap				
Tightening torque: 20Nm MAX				