

## Choke LL2790

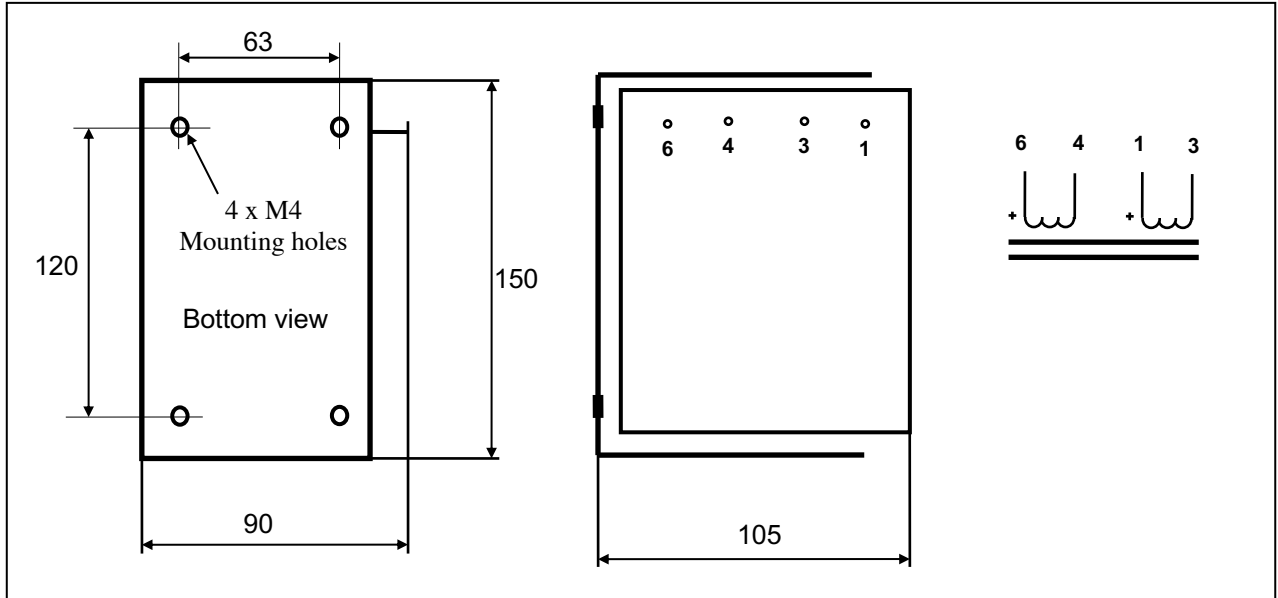
The LL2790 is a high current choke designed for solid state power supply applications.

The choke is available with different core air-gap, which results in different inductance and DC current capability.

The coil is wound using our standard high internal isolation technique with paper isolation between each copper layer. The core is an audio C-core of our own production.

LL2790 is well suited for choke-input power supplies.

### Winding schematics, physical dimensions, pin and mounting hole layout (all dimensions in mm)



**Weight:**

4.9 kg

**Static resistance of each winding:**

0.05  $\Omega$

**Isolation between windings / between windings and core:**

4 kV / 2 kV

Type	Coils in series (DCR = 0.1 $\Omega$ )			Coils in parallel (DCR = 0.025 $\Omega$ )		
	In-ductance	Recommended DC current (1.25T)	Saturating current	In-ductance	Recommended DC current (1.25T)	Saturating current
LL2790 / 4 A	70 mH	4 A	5.8 A	17 mH	8 A	11.6 A
LL2790 / 6 A	45 mH	6 A	9 A	11 mH	12 A	17 A
<b>Max. ripple voltage at rec. DC current (1.8T)</b>	48V rms / 100 Hz			24V rms / 100 Hz		

### Suggested connections:

