NEW!

RoHS COMPLIANT

PFC Choke For STMicroelectronics L6562 PFC Controller

This power factor correction choke is designed specifically for the STMicroelectronics L6562 PFC controller. It is intended for use in IEC61000-3-2 compliant switch mode power supplies used in televisions, desktop PCs and high-end ac-dc adapters/chargers.

The EB0057-DL is the RoHS-compliant version of the EB0057-C. It is electrically identical and fits the recommended PC board layout.

Coilcraft can design custom transformers with voltage, inductance and DCR values to meet your specific requirements. Contact Coilcraft for more information or for free evaluation samples.

Core material Ferrite

Terminations RoHS compliant tin-silver over tin over copper-clad steel. Other terminations available at additional cost.

Weight 75 g

Ambient temperature –40°C to +85°C

Storage temperature Component: –40°C to +85°C. Packaging: –55°C to +80°C

Moisture Sensitivity Level (MSL) 1 (unlimited floor life at <30°C / 85% relative humidity)

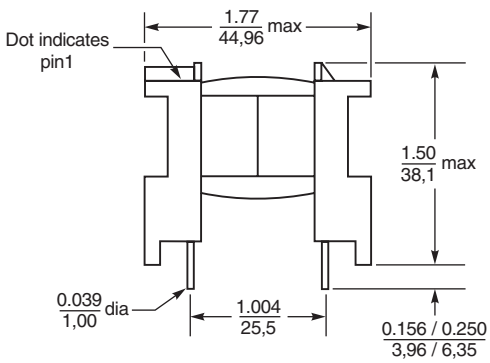
Mean Time Between Failures (MTBF) 26,315,789 hours

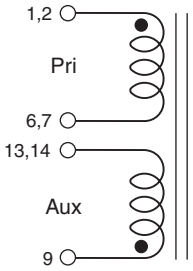
Packaging 50 parts per tray

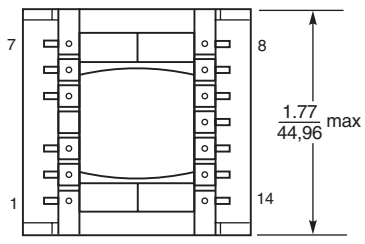
PCB washing Only pure water or alcohol recommended

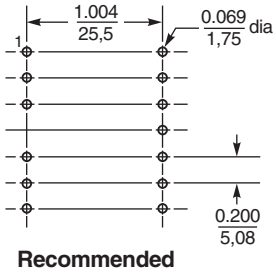
Part number	Inductance[1] ±10% (µH)	Primary DCR max (Ohms)	Isolation[2] (Vrms)	Turns ratio pri : aux	Isat[3] (A)	Irms[4] (A)
EB0057-DL	150	0.09	4800	8 : 1	10.0	4.0

1. Inductance measured at 50 kHz, 0.1 Vrms, 0 Adc.
2. Isolation measured from pins 1 and 2 to pins 13 and 14 with voltage applied for 2 seconds.
3. DC current at which the inductance drops 10% (typ) from its value without current.
4. Current that causes a 40°C temperature rise from 25°C ambient.
5. Electrical specifications at 25°C.









Recommended Board Layout

Dimensions are in inches / mm

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