For DALI applications using International Rectifier IR21592 and STMicroelectronics L6561D

Magnetics for IR Dimming Ballast IC

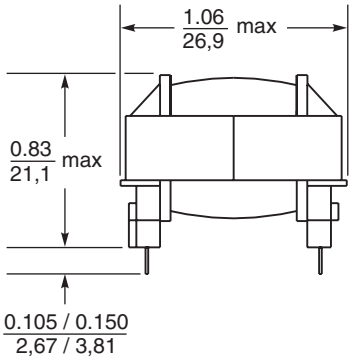
These transformers have been specially engineered for International Rectifier's IRPLDIM2 Digitally Addressable DALI Dimming Ballast reference design.

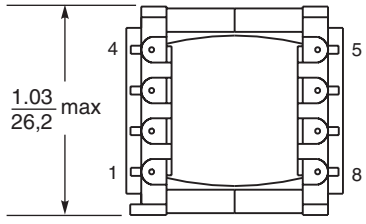
The Z9265-B (L3) is optimized for International Rectifier's IR21592 HVIC ballast controller IC while the Z9264-B (L2) is designed for use with the STMicroelectronics PFC L6561D.

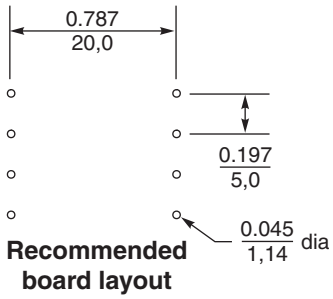
Free evaluation samples are available by contacting Coilcraft.

Application	Part number	Inductance[1] ±10%(mH)	DCR max (Ohms)	Isolation pri:sec (Vrms)	Turns ratio pri:sec
PFC inductor (L2)	Z9264-B	2.0	1.45 (1-7) 0.230 (3-5)	500 (1-3)	1:0.10
Inductor (L3)	Z9265-B	2.0	1.57 (4-8)	N/A	N/A

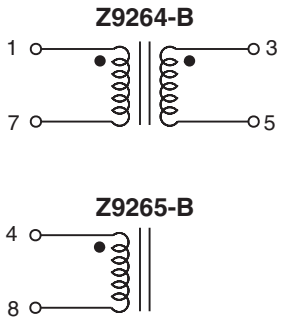
1. Inductance tested 50 kHz, 1.0 Vrms, 0 Adc.
2. Ambient temperature range –40°C to +85°C.
3. Electrical specifications at 25°C.







Recommended board layout



Weight: 28.3 – 28.7 g
Packaging: 30 parts per tray

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