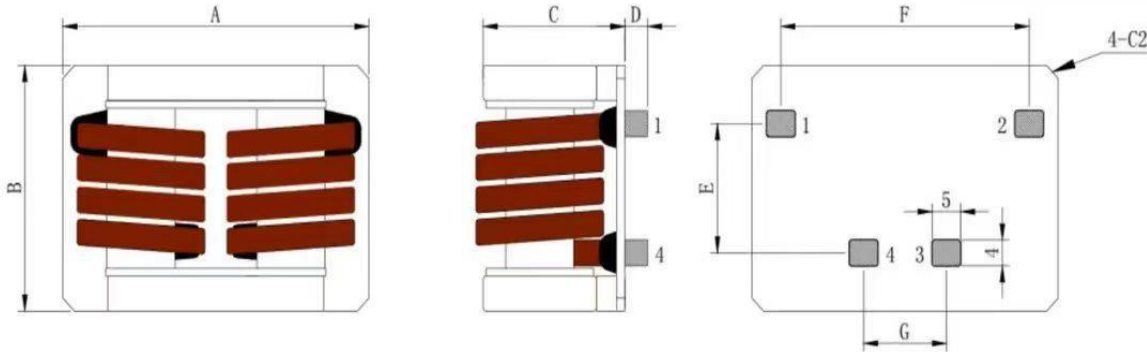


Outline:

产品概要

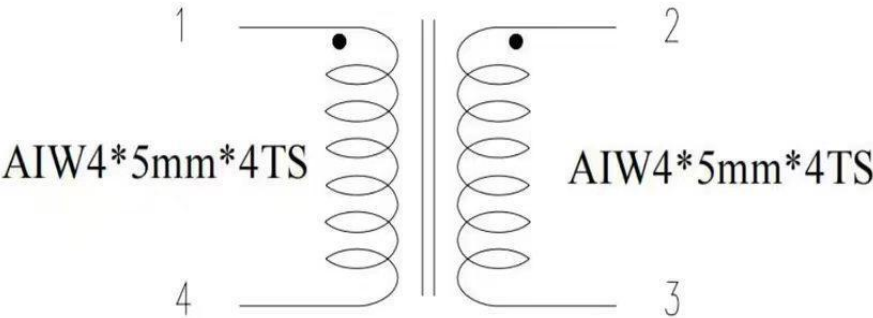
- High saturation current to storage higher energy, capable of carrying higher peak transient current.
- 高饱和电流，储存能量大，能够承载更高的尖峰瞬态电流。

1 外形尺寸(mm)
 Appearance and dimensions



A	B	C	D	E	F	G
55Max.	40Max.	28Max.	4±1	20±0.5	43.8±0.5	14.6±0.5

2 原理图
 Schematic



Date code will be changed by manufacture date.

生产日期代码将根据生产日期变动。

5 Electrical Characteristics

电气特性

Part No. 型 号	Inductance (μH) 电感值 ※1 ±20%	D.C.R. (mΩ) 直流电阻		Saturation current (A) 饱和电流 ※2 Typical	Temperature rise current (A) 温升电流 ※3 Typical
		Typical	Max.		
FHWGUS5540T151MB	150	0.3	0.28	120	120

型号

AC/DC耐压测试

测试时间

FWGUS5540T151MB

DC3000V

60秒

※1电感值测试条件为100KHz, 0.25V

Inductance is tested at 100KHz, 0.25V

※2温升电流：使产品温度上升到40℃时所加载的直流电流值 (Ta=25℃)

Heat rating current: The value of DC current when product temperature rise is 40℃ (Ta=25℃)

※3饱和电流：电感值下降其初始值的30%时所加载的直流电流值。

Saturation current: The value of DC current when the inductance decreases 30% of its initial value

※4特别提示：线路设计，组件布局，使用频率，散热系统等均会影响产品温度，请务必验证产品实际发热状况。

Special remind: Circuit design, component placement, frequency, cooling system and etc. all will affect the product temperature.

Please verify the actual product temperature in the final application

※5所有数据基于环境温度25℃条件下测试。

All data is tested on 25℃ ambient temperature

※6工作温度范围：-25℃~+125℃ (包含产品发热)

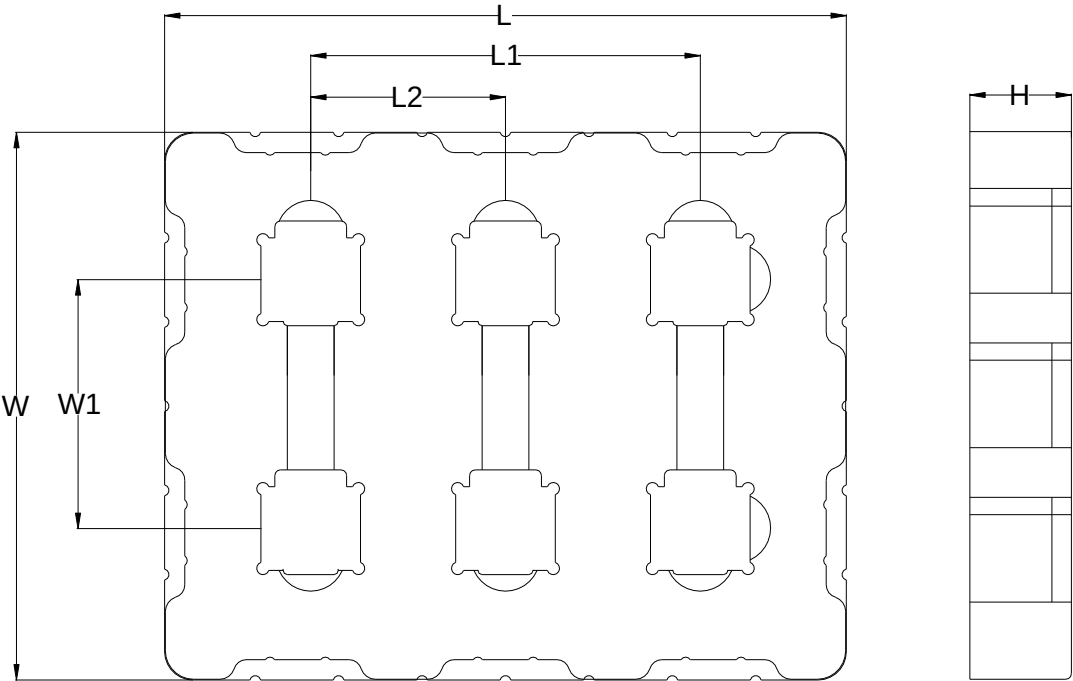
Operating temperature range: -25 °C~+125℃ (Including self-temperature rise)

9 Packing Specification

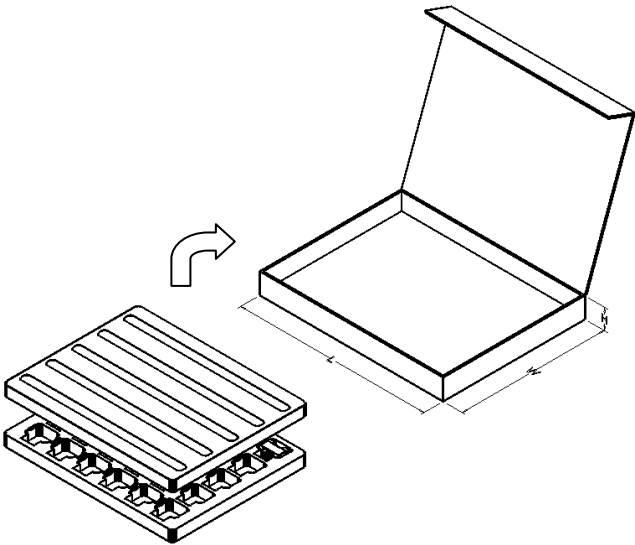
包装规格

9.1 Plastic Tray Dimensions (mm)

吸塑盘尺寸(mm)

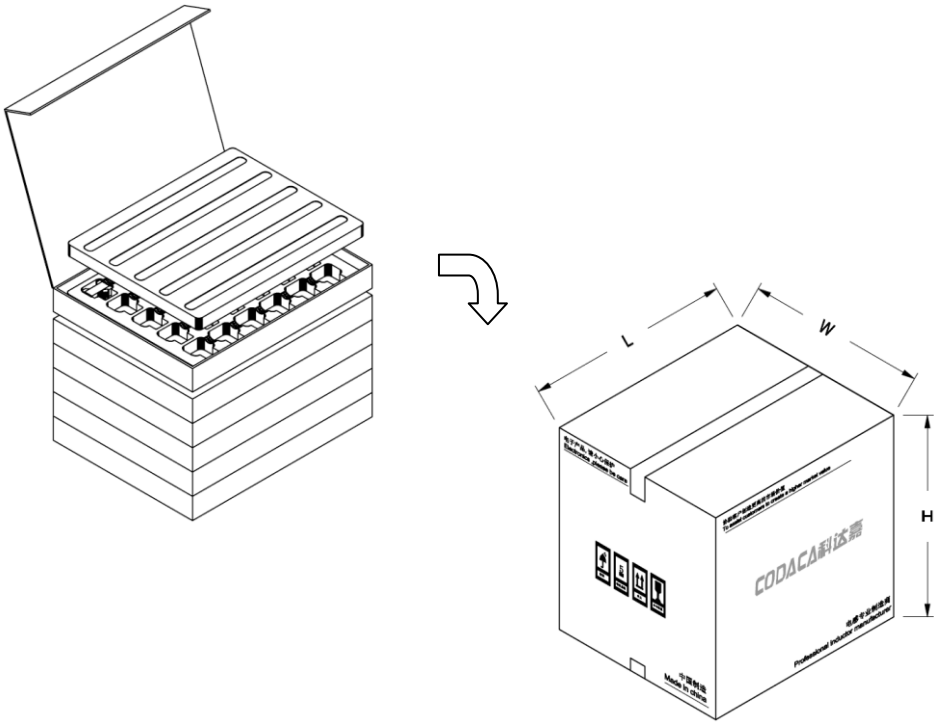


L typ	L1 typ	L2 typ	W typ	W1 typ	H typ	Packaging Unit (Pcs) 包装数量(Pcs)	Material 材质
245	140	70	195	90	38	6	APET



L typ	W typ	H typ	No. of Tray(Pcs) 托盘数量(Pcs)	Packaging Unit(Pcs) 包装数量(Pcs)	Material 材质
265	205	45	1	6	Paper

9.2 Packing(mm)
包装(mm)



L typ	W typ	H typ	No. of Inner Carton(Pcs) 内盒数量(Pcs)	Packaging Unit(Pcs) 包装数量(Pcs)	Material 材质
275	232	261	5	30	Paper

9.3 Label Making
标签标识

The following items will be marked on the tray of product label and shipping label.
以下项目将明确标识于产品吸塑盘标签以及运输标签上。

Production Label 产品标签 ■Packing No. 包装流水号 ■Quantity 数量 ■Shipment Date 出货日期 ■Part No. 产品型号 ■Customer Part No. 客户型号 ■Customer Po No. 客户订单号	Shipping Label 运输标签 ■Packing No. 包装流水号 ■Quantity 数量 ■Shipment Date 出货日期 ■Part No. 产品型号 ■Customer Part No. 客户型号 ■Customer Po No. 客户订单号
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