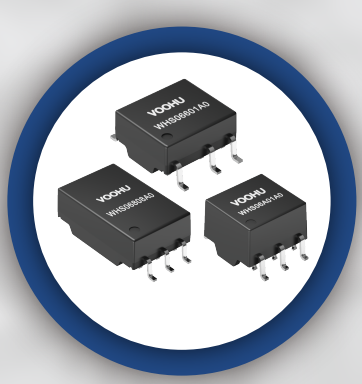
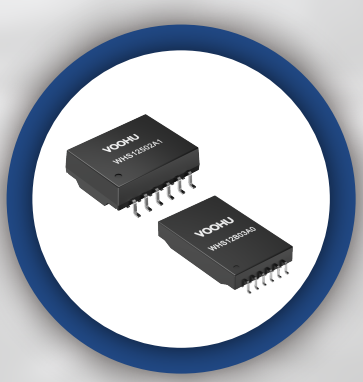
VOOHU 沃虎
选沃虎·真靠谱

BMS变压器系列选型手册

BMS Transformer Series Selection Manual



WHS06XXXX系列
WHS06XXXX Series



WHS12XXXX系列
WHS12XXXX Series

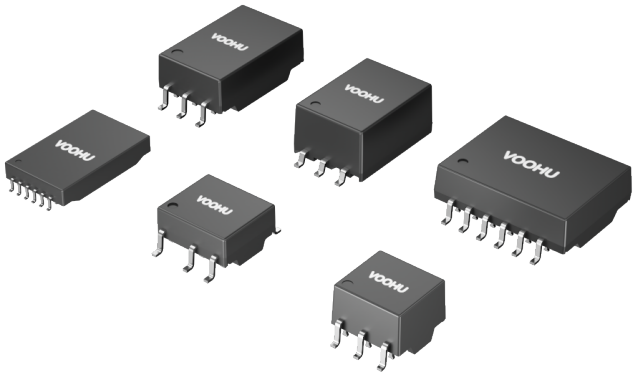
致力于成为世界一流的通信电子
“元器件供应商”、“方案解决商”、“互联网电商”

Committed to becoming a world-class communications electronics
"Component supplier", "solution provider", "high-quality Internet e-commerce"

苏州沃虎电子科技有限公司
Suzhou VOOHU Electronic Technology Co., Ltd.

沃虎®BMS变压器系列

RoHS COMPLIANT REACH COMPLIANT HALOGEN FREE



特性

- Supports BMS Safety Isolation And EMI Noise Suppression
- Meets AEC-Q200 Requirements
- Multiple Options For Working Voltages And Voltage Isolation
- Functional, Basic, And ReinforcedInsulation Available.

应用

- Electric Vehicle
- Energy Storage Systems
- Data Center UPS
- Solar Energy Storage
- Green – Renewable
- Marine

电池管理系统在使用菊花链连接方案时，串联连接的电池数量非常多，所以电压差很大，需要组件对组件的压差进行隔离，板载间的串行通信链路需要用变压器耦合电路而不是电容耦合电路来隔离。敦源电子提供的全系列隔离变压器，适用于各类大小的电池组系统，用于串口安全隔离和电磁干扰抑制。我们开发的磁性器件配合客户开发的高效电池管理系统更加符合现代化造车理念(如电动汽车、混合动力汽车和插电式混合动力汽车)，我们所有的电池管理系统器件都符合AEC-Q200的汽车应用要求。

In Large Battery Pack Applications With Daisy Chain Connections, The Number Of Cells Connected In Series Is Very High, And The Large Voltage Differences Demand Component-To-Component Isolation. The Serial Communication Links Between Boards Need To Be Isolated By Transformer Coupling Circuits Instead Of Capacitor Coupling. The Full Range Of Isolation Transformers Supplied By EEC Is Suitable For All Sizes Of Battery Pack Systems For Serial Port Security Isolation And Electromagnetic Interference Suppression. The Magnetic Devices We Develop Together With The Efficient Battery Management Systems Developed By Our Customers Are More In Line With Modern Vehicle Building Concepts (Such As Electric Vehicles, Hybrid Electric Vehicles And Plug-In Hybrid Electric Vehicles). All Of Our Battery Management System Components Meet The Automotive Application Requirements Of AEC-Q200.

BMS变压器系列产品推荐

料号	Number of Channel	CMS	Working Voltage	Isolation (1mA/60s)	Insulation Grade	Mech. Type	Sche. Type
WHS06202E0	SINGLE PORT	YES	1500VDC	6400VDC	REINFORCED	A	A
WHS06204A0	SINGLE PORT	N/A	1500VDC	6000VDC	REINFORCED	A	B
WHS06601A0	SINGLE PORT	YES	1000VDC	4300VDC	FUNCTION	B	C
WHS06602A0A	SINGLE PORT	YES	600VDC	4300VDC	FUNCTION	B	C
WHS06808A0	SINGLE PORT	N/A	1000VDC	4300VDC	FUNCTION	C	D
WHS06A01A0	SINGLE PORT	YES	1000VDC	4300VDC	FUNCTION	D	A
WHS06R03A0	SINGLE PORT	N/A	1000VDC	4000VAC	FUNCTION	E	E
WHS12503A0	DUAL PORT	YES	1500VDC	4300VDC	FUNCTION	F	F
WHS12502A1	DUAL PORT	YES	1500VDC	4300VDC	FUNCTION	F	G
WHS12B03A0	DUAL PORT	YES	1500VDC	5000VAC	REINFORCED	G	G

All Information Is Reference Only. See Datasheet For Specific Information.

S062系列

WHS062XXX



S066系列

WHS066XXX



S068系列

WHS068XXX



S06A系列

WHS06AXXX



S06R系列

WHS06RXXX



S125系列

WHS125XXX



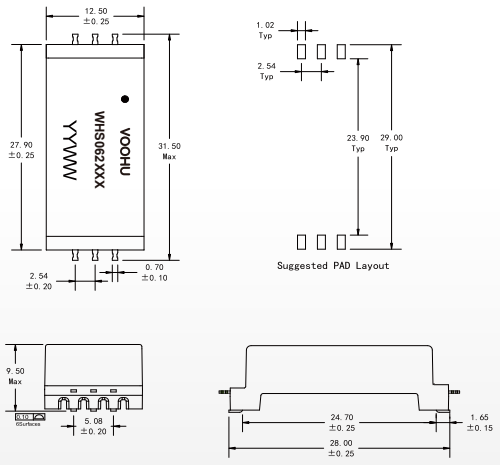
S12B系列

WHS12BXXX

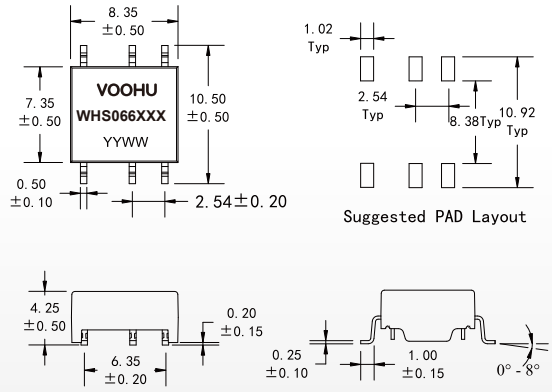


Mechanical(Unit:mm)

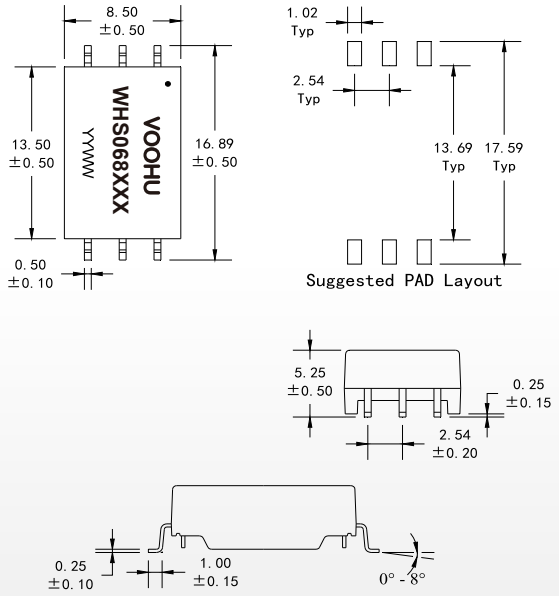
TYPE A



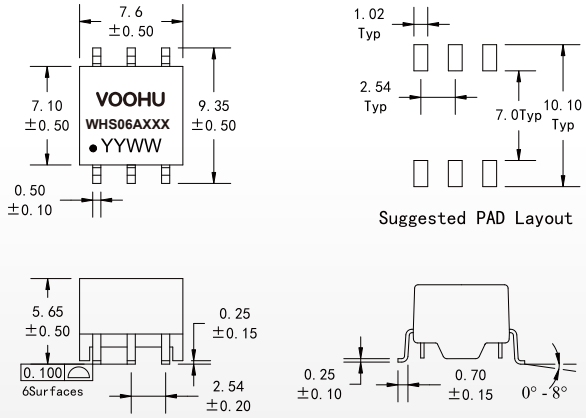
TYPE B



TYPE C

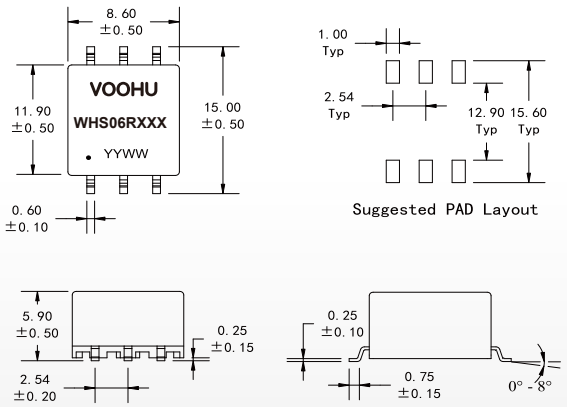


TYPE D

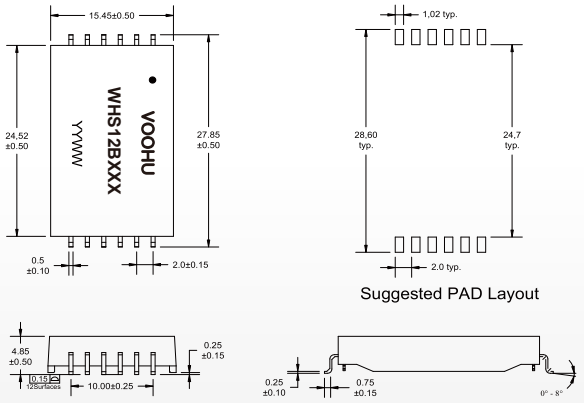


Mechanical(Unit:mm)

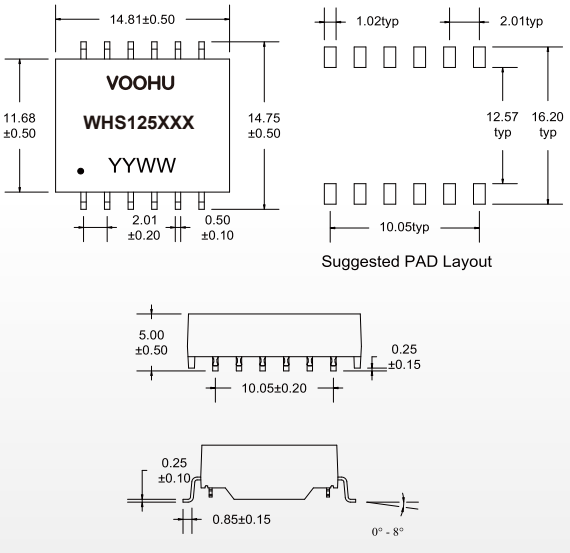
TYPE E



TYPE F

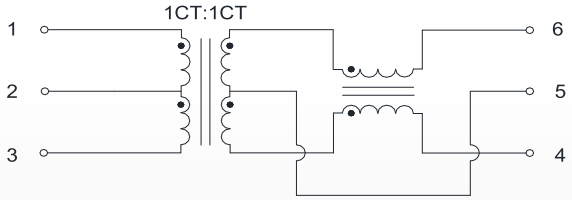


TYPE G

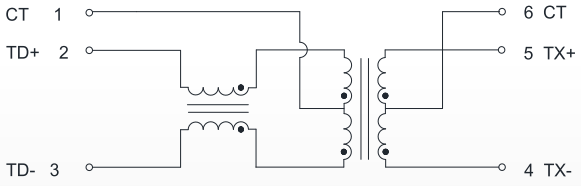


Schematics

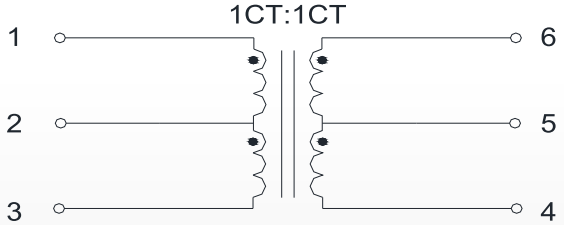
TYPE A



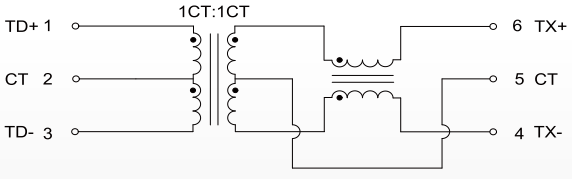
TYPE B



TYPE C

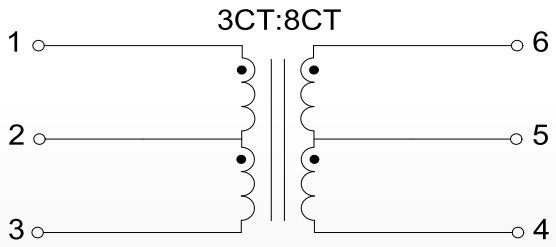


TYPE D

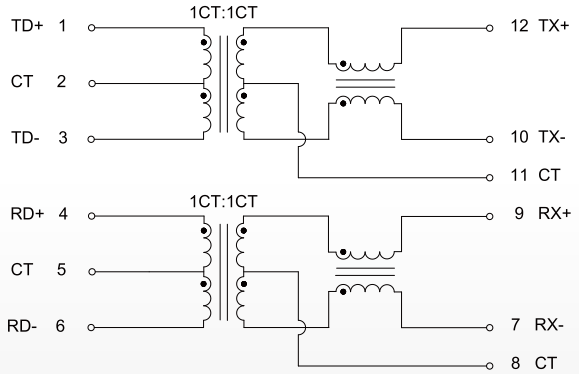


Schematics

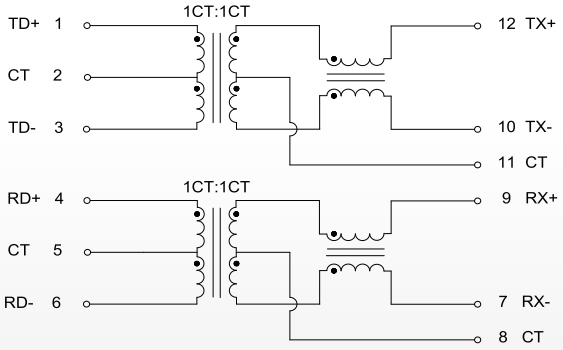
TYPE E



TYPE F



TYPE G



VOOHU 沃虎

选沃虎·真靠谱

苏州沃虎电子科技有限公司

Suzhou VOOHU Electronic Technology Co., Ltd.

400 1048 018

www.voohu.cn

wohu@wohu-tek.com

江苏省苏州市吴江区东太湖大道11666号开平商务中心G幢13楼

13th Floor, Building G, Kaiping Business Center, No. 11666,
East Taihu Avenue, Wujiang District, Suzhou City, Jiangsu Province

公司官网

沃虎商城