사물인터넷 국제전시회 참가기업
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업체명 : MINMAX TECHNOLOGY
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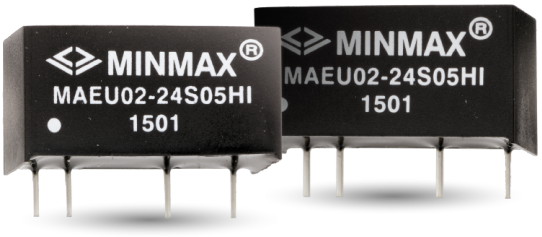
업체소개 :
MINMAX TECHNOLOGY CO., LTD., founded in 1990, has over 25 years experience as a specialist in the design and manufacturing of DC-DC converters & AC-DC Power Supplies for ITE and Medical Power Supplies. The comprehensive standard range of products covers power ratings from 1 to 75W. MINMAX POWER was incorporated in Hudson, MA in 2011 to bring the same level of superior support to customers and sales channels in North America.

1. 1" x 1" DC-DC Converters

The MINMAX MJWI25 series is the latest range of a new generation of high performance dc-dc converter modules with very high power density. The product offers fully 25W in a shielded metal package with dimensions of just 1.0"x1.0"x0.4". All models provide ultra-wide 4:1 input range and tightly regulated output voltage.
By State-of-the-art circuit topology provides a very high efficiency up to 90% which allows an operating temperature range of -40℃ to +80℃.
These converters are qualified for demanding applications in battery operated equipment, instrumentation, data communication, industrial and many other space critical applications.

*Features
Smallest Encapsulated 25W Converter
Ultra-compact 1" X 1" Package
Ultra-wide 4:1 Input Voltage Range
Fully Regulated Output Voltage
Excellent Efficiency up to 90%
I/O Isolation 1500 VDC
Operating Temp. Range -40℃ to +80℃
No Min. Load Requirement
Overload/Voltage and Short Circuit Protection
Remote On/Off Control, Output Voltage Trim
Shielded Metal Case with Insulated Baseplate
Conducted EMI meets EN55022 Class A & FCC Level A
UL/cUL/IEC/EN 60950-1 Safety Approval

2. Ultra-high Isolation and IGBT DC-DC Converters



The MINMAX MAEU02-HI series is a new range of isolated 2W DC-DC converter modules in SIP-7 package which feature a very high I/O-isolation voltage rated for 5700VDC.
A very high common mode transient immunity with 15KV/us qualifies these product for IGBT driver applications.
There are 40 models available for 5, 12, 15 and 24V input. These converters offer a cost-effective solution for wind turbine, solar panel, transportation systems, industrial control equipment and some IGBT driver applications where a very high I/O-isolation is required.

*Features
Industrial Standard SIP-7 Package
Ultra-high I/O Isolation 5200VDC
Common Mode Transient Immunity : 15KV/?s
Qualified for IGBT and High Isolation Applications
Operating Temp. Range -40℃ to +88℃
UL/cUL/IEC/EN 60950-1 Safety Approval

3. Medical DC-DC Converters

The MINMAX MKW10M series is a new range of high performance DC-DC converter modules with a reinforced insulation system .The I/O- isolation voltage is specified for 4200VACrms.The product comes in a compact 2"x1" industry standard package.
All 15 models features wide 2:1 input voltage range and fully regulated output voltage. The MKW10M DC-DC converters offer an economical solution for demanding applications in industrial and medical instrumentation requesting a certified supplementary or reinforced insulation system to comply with industrial or latest medical safety standards.

*Features
Industrial Standard 2" X 1" Package Size
Wide 2:1 Input Voltage Range
Fully Regulated Output Voltage
I/O Isolation 4200VAC with Reinforced Insulation, rated for 300VAC Working Voltage
Low Leakage Current < 10?A
Operating Temp. Range -40℃ to +75℃
Overload and Short Circuit Protection
Conducted EMI meets EN55022 Class A & FCC Level A
UL/cUL/IEC/EN 60950-1 Safety Approval
Medical Safety meets 2xMOOP per 3rd Edition of IEC/EN 60601-1 & ANSI/AAMI ES60601-1

4. Railway DC-DC Converters

The MINMAX MTQZ75 series is a new generation of high

performance, convection-cooled 75W dc-dc converters designed specifically for railway applications. They are available for the popular railway input voltages of either 72(43-101)VDC or 110(66-160)VDC.
The converters conform to railway industry transient standard EN50155 and complies also with EMC standard EN50121-3-2.
Advanced circuit topology provides a very high efficiency up to 92% which allows operating temperatures range of -40℃ to +70℃. For improved heat dissipation the modules can be supplied with a heatsink. Further product features include high, reinforced insulation, remote On/Off control, under-voltage shutdown as well as overload and over-temperature protection.

*Features
Industrial Standard Quarter Brick Package
Wide Input Range 43-101VDC & 66-160VDC
Excellent Efficiency up to 92%
I/O Isolation 3000VAC with Reinforced Insulation
Operating Temp. Range -40℃ to +85℃
No Min. Load Requirement
Overload/Voltage/Temp. and Short Circuit Protection
Remote On/Off Control, Output Voltage Trim, Output Sensing
Vibration and Thermal Shock Test meet EN61373
Cooling, Dry & Damp Heat Test meet IEC/EN60068
Railway EMC Standard meets EN50121-3-2
Railway Approval meets EN50155 (IEC60571) & EN45545-2
UL/cUL/IEC/EN 60950-1 Safety Approval & CE Marking

5. AC-DC Power Supplies

The new AAF-05 Series from MINMAX is a range of ultra-small, fully encapsulated 5 Watt AC/DC power supply modules. They are designed for easy PCB mounting with solder pins.
The modules feature EMI-filter to meet EN 55011/55022, class B and EN 55014. EMC immunity complies with EN 61000-6-1. The low stand-by power consumption complies with European ErP Directive 2009/125/EC.
Universal input voltage range of 84-264VAC and an International safety approval package qualifies these power modules for worldwide markets.
The AAF-05 power supplies provide a cost effective solution for space critical applications in consumer appliances and instrumentation and communication equipment.

*Features
I/O Isolation 3000VAC with Reinforced Insulation
Operating Temp. Range -25℃ to +70 ℃
Overload/Voltage and Short Circuit Protection

EMI Emission meets EN55011/22 Class B & FCC Level B
EMC Immunity meets EN61000-4-2,3,4,5,6,8,11
Eco Design, No Load Input Power 300mW max.
Safety Approval to UL/cUL/IEC/EN 60950-1, TUV IEC/EN 60335-1 (Pending)
CE Marking with EMC and LVD