AC input power supply (AC-DC converter)

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HMS50-15/R

Product Status	Mass production system
Sales area	Japan only
series	HMS
Model	HMS50
atures	SEMI-F47 compliant (200VAC only)
tion	Remote ON/OFF control
Option lineup	Please see here



The product image shows a representative product.

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Recommended EMC filters	Please see here.
Accessories	Please see here.
brand	TDK-Lambda
Environmentally friendly	RoHS



The product image shows a representative product.

Electrical characteristics

input	single phase
Input voltage range [AC]	85 ~ 265Vac
Input voltage range [DC]	80 ~ 370Vdc
efficiency	86% Typ.
Rated output voltage [DC]	15Vdc
Output voltage range [DC]	12 ~ 18Vdc
Maximum output current	3.5A

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Product Information

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SPECIFICATIONS/PRECAUTIONS FOR USE

- Precautions for use
- Safety Precautions

EXTERNAL VIEW

- 2D exterior view (PDF)
- 2D exterior view (DXF)

TECHNICAL DOCUMENTS

- Model data

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Maximum output power	52.5W

Shape and dimensions

Shape / Installation	Chassis included (unit)
Industry standard size	
Width (W)	31.5mm Nom.
Height (H)	82mm Name.
Depth (D)	120mm Nom.
quality	300g type.

others

Operating temperature range	-10 ~ 70°C
Cooling method	Natural air cooling
Safety Specifications (Certification)	
Safety standards (compliance)	
remarks	This page only lists representative characteristic values. For detailed specifications and conditions, please refer to the various technical data.

(typical static characteristics, dynamic characteristics, EMI characteristics, etc.)

Reliability data (refer to HWS50A for the same institution)
(MTBF calculation value, estimated lifespan calculation value, reliability test, etc.)

Immunity test data

operating instructions

ENVIRONMENTAL DATA

Chemical Substance Information Search
(REACH SVHC • EU RoHS • China RoHS) Update

Regarding the presence or absence of asbestos, polychlorinated biphenyls (PCBs), and mercury.

EXPORT-RELATED DOCUMENTS

Regarding the export of TDK-Lambda products
(PDF of the classification opinion and Excel form for requesting the creation of a classification determination report)

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SELECTION GUIDE

Selection Guide

OTHERS

Product rental applications are now being accepted via our website. Recommended!

I see! TDK Lambda

Recommended for you



CHIP NTC THERMISTOR (SENSOR)

B57351V5103J060

Resistance (at 25°C)=10kΩ

Resistance Tolerance (at 25°C)=±5%



MULTILAYER CERAMIC CHIP CAPACITORS

CGA6P3X7T0E107M250AB

Capacitance=100µF
Edc=2.5V
T.C.=X7T

LxWxT:3.2x2.5x2.5mm
General
AEC-Q200



CHIP NTC THERMISTOR (SENSOR)

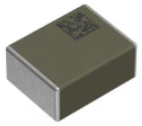
B57232V5103F360

Resistance (at 25°C)=10kΩ

Resistance Tolerance (at 25°C)=±3%

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INDUCTOR (COIL)

BCL322515RT-470M-D

L=47µH
Rated current=0.57A
L x W x T :
3.2 x 2.5 x 1.5mm



INDUCTOR (COIL)

SLF7045T-221MR33-PF

L=220µH
Rated current=0.33A
L x W x T :
7 x 7 x 4.5mm



INDUCTOR (COIL)

VLS5045EX-221M

L=220µH
Rated current=0.45A
L x W x T :
5 x 5 x 4.5mm

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