FUJITSU

Data Sheet
Fujitsu Mainboard Accessories
12V Internal PSU E598-V50

Suitable for Industrial Mainboards D3313-S / D3543-S / D3433-S / D3434-S

Supported Mainboards (Chassis Kit Solutions)

D3313-S
D3433-S (support for E598 planned)
D3434-S (support for E598 planned)
D3543-S (support for E598 planned)

Product Features

Input: 100-240V ~ 1.5A 50-60Hz
Output: 12V / 5.4A

Operating conditions

Temperature range 0℃ - 50℃ with nominal load
Humidity 5% - 85% relative

Approvals

CE; CCSAUS or CULUS; NEMKO; BSMI-RoHS; CCC; KC

Reliability

MTBF (MIL 217F) > 100.000 h (25℃)

AC Input Voltage

Nominal input voltage range	100V - 240V
Min/max input voltage range	90V - 264V
Line frequency	47Hz - 63Hz
Max total harmonic distortion of input voltage	≤ 5%
Input hold up time nominal load @230V50Hz	≥ 16ms

Main DC Outputs

Output power	65W
Nominal voltage	12V
Regulation tolerance	± 5%
Min. current	0A
Ripple and noise (bandwidth limit of 20MHz)	120mV
Max. step load ΔI	3.3A
LPS (limited power source)	Yes

Order Code
S26361-F5000-P4
includes

- Internal PSU module E598-V50

- Internal DC cable for D3313-S kit solution (T26139-Y4030-V10; 320mm)

- Internal DC cable for D3543-S kit solution (T26139-Y4030-V9; 110mm)

Mains power cable is NOT included!

Efficiency

% of nominal load	Efficiency @230V
5%	>80%
10%	>84%
20%	>87%
50%	>90%
100%	>87%

Connector Details

Mains Input Socket:
IEC 60320/C8

12V DC Output Socket:
 Molex 4-Pin

100-240V AC

1 / 2   3 / 4

Pin 1/2	GND
Pin 3/4	12V

Mechanical   Dimensions
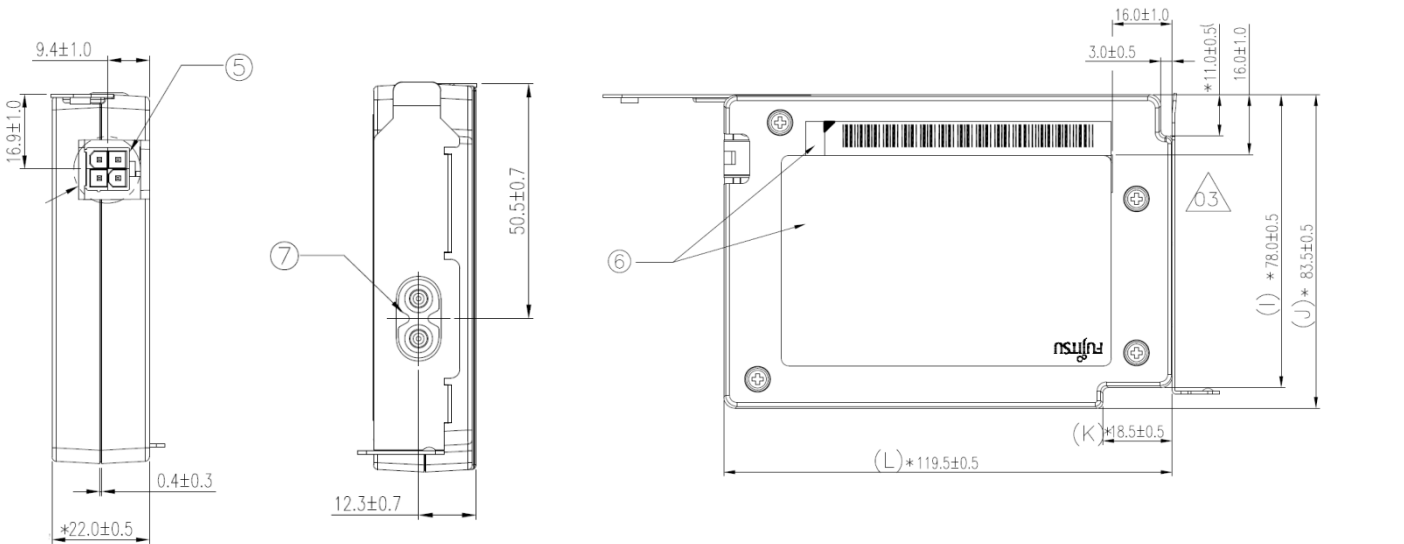
ITEM	PART NAME	COLOR
1	CHASSIS	BLACK
2	COVER	BLACK
3	PSU HOLDER	NATURAL
4	BRACKET	NATURAL
5	OUTPUT CONNECTOR	WHITE
6	LABEL	BLACK
7	SOCKET ASS'Y	BLACK
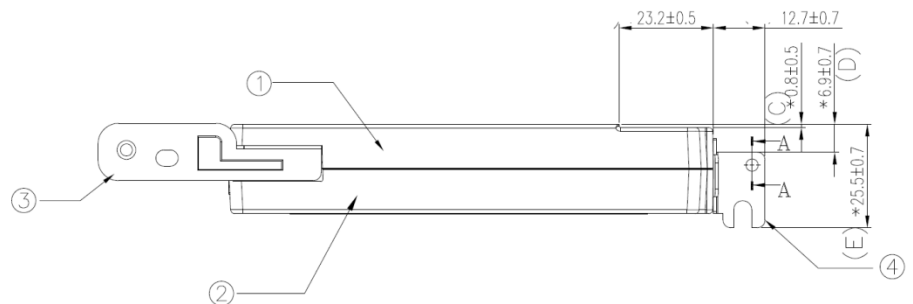
More information

Fujitsu platform solutions

In addition to Fujitsu Mainboards Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Dynamic Infrastructures
With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure-as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

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- PRIMERGY: Industrial standard server
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- PRIMEQUEST: Mission-critical IA server
- ETERNUS: Storage system
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- Interstage: Application infrastructure software
- Systemwalker: System management software

More information

Learn more about Fujitsu Mainboards, please contact your Fujitsu sales representative, Fujitsu business partner, or visit our website.
http://ts.fujitsu.com/

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at:
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