



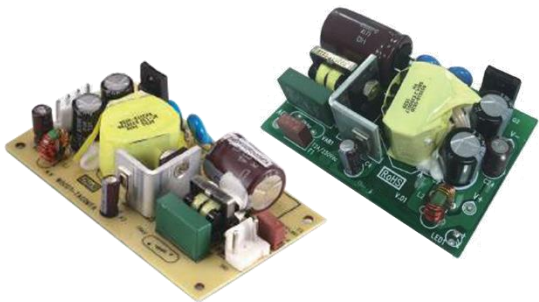
SMF15Q – SMF24Q Series

15 – 24 Watt AC-DC Open Frame Medical Power Supply
IEC 60101-1-2 4th Ed. EMC, Energy Efficiency Level VI

Date: 9/29/17

Rev: 032917

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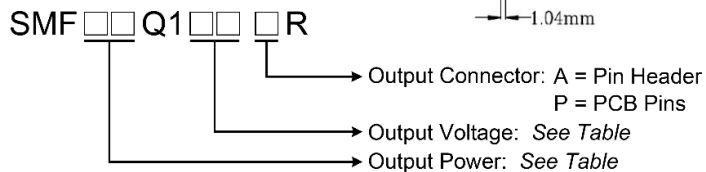
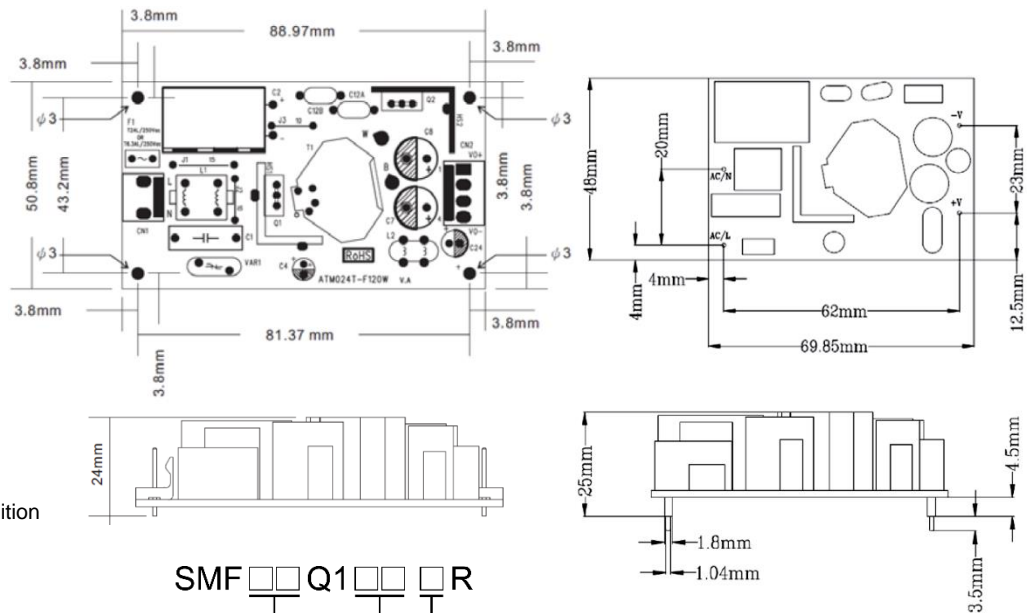


The SMF15Q – SMF24Q Series switch mode power supply offers 15 Watts to 24 Watts output power, with an output voltage range of 3.3 Vdc – 48 Vdc. Case style is an open frame with pin header, with ES, EN and IEC 60601-1 3.1 Edition safety approvals, IEC 60601-1-2 4th Edition EMC, UL/EN 60950-1 2nd Edition safety approvals, and Energy Efficiency Level 6.



Features:

- Universal Input 100 - 240 Vac
- Over-Voltage, Over-Current, and Short Circuit Protection
- 2 x MOPP Protection
- < 100 μ A Touch Current
- 100% Burn-In
- RoHS 2 Compliant
- Energy Efficiency Level: VI
- Meets IEC 60950-1 2nd Edition
- Meets IEC 60601-1-2: 2014 4th Edition EMC Requirements



Electrical Information

Input Voltage	90 to 264 Vac
Input Frequency	47 to 63 Hz
Input Current	0.55 – 0.3 A
Over-Voltage Protection	Unit is protected from over-voltage conditions
Over-Current Protection	Unit is protected from over-current conditions
Hold-Up Time	10 ms
Operating Temperature	0 - 50°C
Storage Temperature	-20 - 80°C
Weight	58 g (Ref.)
Industry Compliance	RoHS 2, Energy Efficiency Level VI
EMC Requirements	IEC 60601-1-2: 2014 4 th Edition
EMI Requirements	Meets Conduction and Radiation Limits of: Class B: FCC Part 18, CISPR-11, EN 55011
Safety Compliance	UL/c-UL (UL 60950-1: 2 nd Edition), CB (I.T.E.), FCC, UR/c-UR (ES 60601-1: 3.1 Edition), CE, TUV T- Mark (EN/IEC 60601-1: 3.1 Edition)

Output Voltage	Output Current	Output Power (Max.)
3.3 Vdc	2.50 A	14.85 W
5.0 Vdc	2.00 A	22.00 W
12.0 Vdc	1.00 A	24.00 W
15.0 Vdc	0.80 A	24.00 W
24.0 Vdc	0.50 A	24.00 W
48.0 Vdc	0.50 A	24.00 W