

3 Watt Single Output AC-DC Miniature Encapsulated Type Module



FEATURES

- ◆ No load power consumption < 0.075W
- ◆ Miniature size, high power density
- ◆ Universal AC input / Full range
- ◆ Protection: Short circuit / OLP / OVP
- ◆ Cooling by free air convection
- ◆ Isolation Class II
- ◆ Comply with EN55032 class B w/o any additional components
- ◆ Fully isolated plastic case
- ◆ Withstand 5G vibration test
- ◆ Low cost, high reliability, pass LPS
- ◆ 3 years warranty

SPECIFICATIONS

Input Voltage.....	85 ~ 305VAC
Overload protection.....	105~260%
Over voltage protection.....	115%~135% rated output voltage
Withstand voltage.....	I/P-O/P: 3KVAC;
Operating Temperature	-30°C to +85°C
Safety Standard meets	UL62368-1 ; CE

Design refer to EN61558-2-16

EMC Standard..... EN55032 Class B, EN61000-3-2,-3
EN55024, EN61000-4-2, 3, 4, 5, 6, 8, 11

Dimension (LxWxH) PCB: 37.0 x 24.0 x 15.0 mm

Dimension (LxWxH) SMD: 37.0 x 24.0 x 16.0 mm

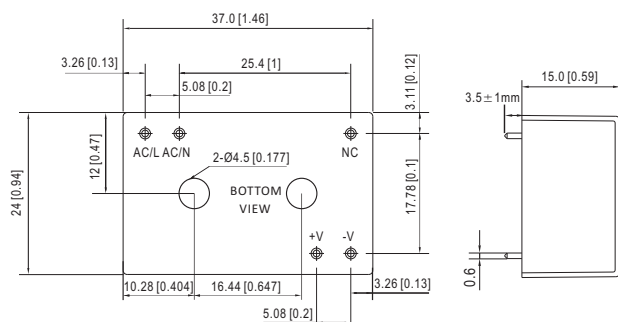
Model Number	Output Voltage (VDC)	Output Current (mA)	Voltage Tolerance	R & N	EFF. %
FMM03-S03-P/S	3.3	0~900	± 2.5 %	100mV	68
FMM03-S05-P/S	5.0	0~600	± 2.5 %	100mV	72
FMM03-S09-P/S	9.0	0~333	± 2.5 %	100mV	77
FMM03-S12-P/S	12.0	0~250	± 2.5 %	150mV	78
FMM03-S15-P/S	15.0	0~200	± 2.5 %	200mV	78
FMM03-S24-P/S	24.0	0~125	± 2.5 %	240mV	80

Remark: P = PCB mounting style

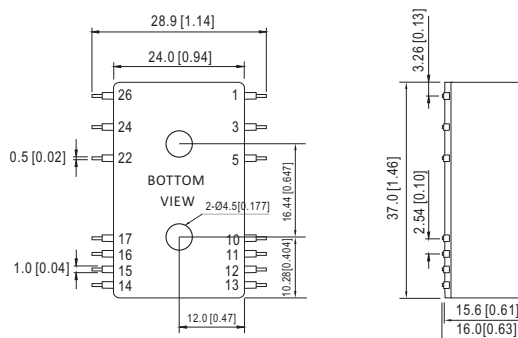
S = SMD type

MECHANICAL DRAWING (Unit: mm)

- PCB Mounting Type



- SMD Type



Pin NO.	Assignmen
1	AC/L
3	AC/N
14	-Vo
16	+Vo
others	NC