

2 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

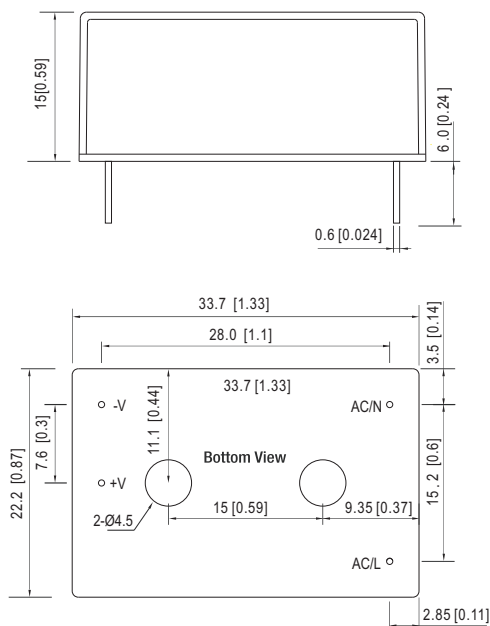
Input Voltage..... 85 ~ 305VAC
 Overload protection..... > 110%
 Over voltage protection..... 115%~135% rated output voltage
 Withstand voltage..... I/P-O/P: 3KVAC;
 Operating Temperature -30°C to +85°C
 Safety Standard meets UL62368-1 ; CE
 Design refer to EN61558-1/-2-16
 EMC Standard..... EN55032 Class B, EN61000-3-2,-3
 EN55024, EN61000-4-2, 3, 4, 5, 6, 8, 11
 Dimension (LxWxH) PCB: 33.7 x 22.2 x 15 mm
 Dimension (LxWxH) SMD: 33.7 x 22.2 x 16 mm

Model Number	Output Voltage (VDC)	Output Current (mA)	Voltage Tolerance	R & N	EFF. %
FMM02-S03-P/S	3.3	0~600	± 2.5 %	150mV	66
FMM02-S05-P/S	5.0	0~400	± 2.5 %	150mV	70
FMM02-S09-P/S	9.0	0~222	± 2.5 %	150mV	72
FMM02-S12-P/S	12.0	0~167	± 2.5 %	150mV	74
FMM02-S15-P/S	15.0	0~133	± 2.5 %	200mV	75
FMM02-S24-P/S	24.0	0~83	± 2.5 %	200mV	77

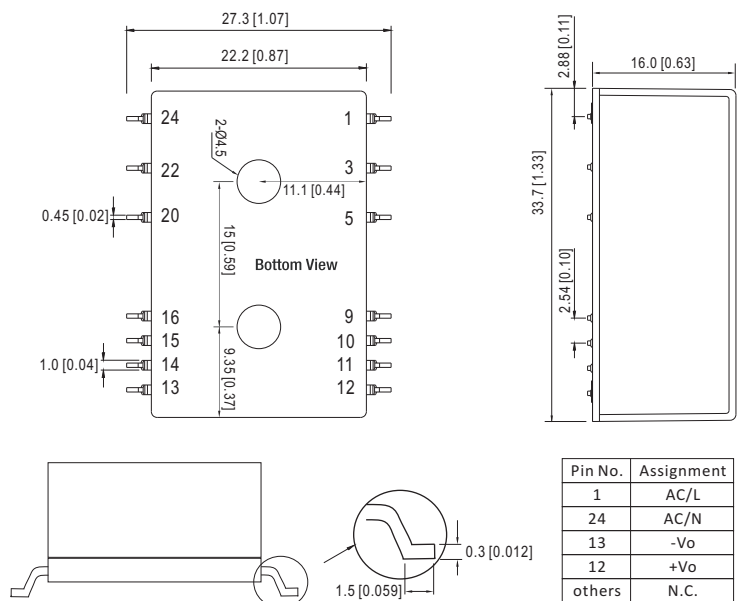
Remark: P = PCB mounting style
 S = SMD type

MECHANICAL DRAWING (Unit: mm)

© PCB Mounting Type



© SMD Type



Pin No.	Assignment
1	AC/L
24	AC/N
13	-Vo
12	+Vo
others	N.C.