



CFM21M SERIES

20 WATT SINGLE OUTPUT AC-DC MODULES



EN 60601-1
IEC 60601-1
www.tuv.com
ID 1419051634



Features

- * Universal Input Range 90~264VAC
- * Class II
- * Miniature Size Low Profile 0.8"
- * Industry-Standard Pin Out
- * Efficiency to 85%
- * Option for On-Board, Connector, Screw Terminal or Encapsulated type
- * Continuous Short Circuit Protection
- * Over Voltage Protection
- * No Load Input Power < 0.1W
- * Leakage Current < 100uA
- * UL60601-1/IEC60601-1/EN60601-1 Ed.3.1 Medical Safety Approved
- * 2 MOPP
- * Peak Load 130% (note 8)
- * Meet UL62368/IEC62368/EN62368
- * Meet UL60335-1/IEC60335-1/EN60335-1

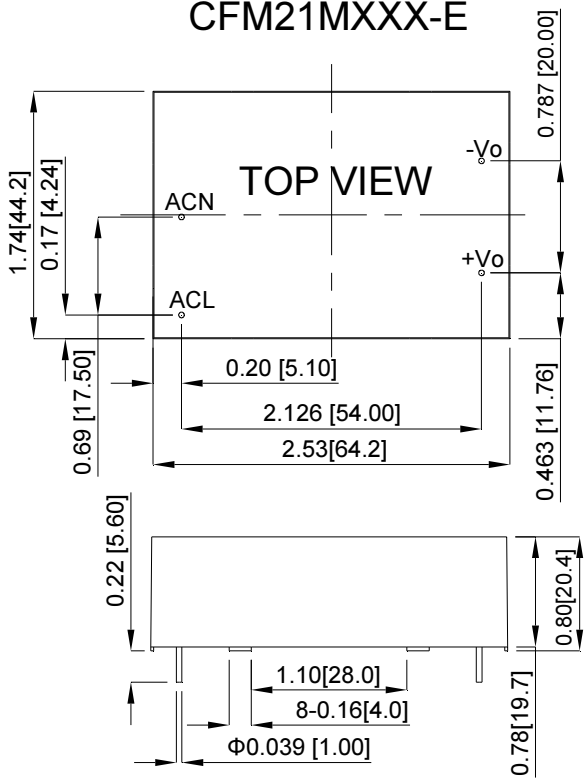


| MODEL | OUTPUT VOLTAGE | OUTPUT CURRENT | RIPPLE & NOISE NOTE 1 | VOLTAGE ACCURACY NOTE 2 | LINE REGULATION NOTE 3 | LOAD REGULATION NOTE 4 | OUTPUT RATED POWER | % EFF. |
|-----------|----------------|----------------|--------------------------|----------------------------|---------------------------|---------------------------|--------------------|--------|
| CFM21M050 | 5.0 V | 4.0 A | 50 mV | ±1% | ±0.5% | ±1.0% | 20.0 W | 81% |
| CFM21M090 | 9.0 V | 2.3 A | 90 mV | ±1% | ±0.5% | ±1.0% | 20.7 W | 83% |
| CFM21M120 | 12 V | 1.7 A | 100 mV | ±1% | ±0.5% | ±1.0% | 20.4 W | 85% |
| CFM21M150 | 15 V | 1.4 A | 100 mV | ±1% | ±0.5% | ±1.0% | 21.0 W | 85% |
| CFM21M240 | 24 V | 0.9 A | 100 mV | ±1% | ±0.5% | ±1.0% | 21.6 W | 86% |

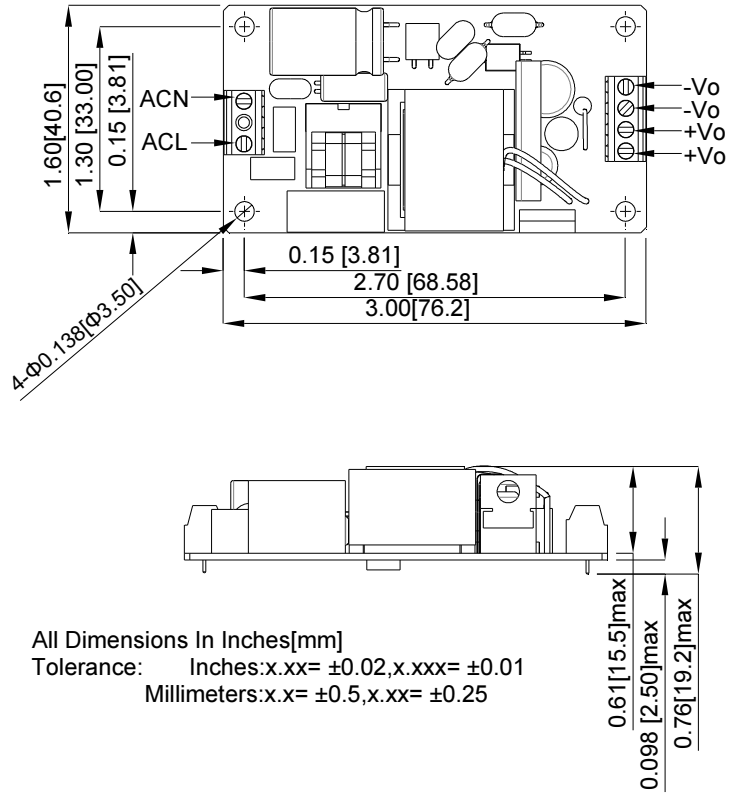
Specifications are subject to change without notice.

Mechanical Specification

CFM21MXXX-E



CFM21MXXX-S



All Dimensions In Inches[mm]
 Tolerance: Inches:x.xx= ±0.02,x.xxx= ±0.01
 Millimeters:x.x= ±0.5,x.xx= ±0.25

Typical at 25°C, nominal line and 75% load, unless otherwise Specified