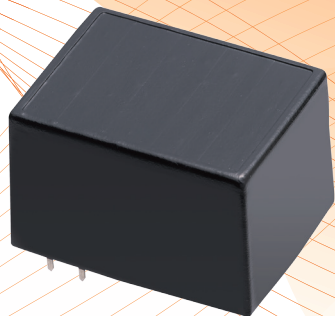


NEW

I.T.E.



5 Watt Power Module Series

ATS005A2 - F X X X P

O / P Voltage ←

- Features :**
- IEC/UL 62368-1 3rd Edition
 - 100-240VAC Universal Input
 - Regulated Output With Low Ripple Noise
 - Safety Agency Requirements and EMI/EMS Certified
 - Modified and Custom Design Available
 - 1 Year Warranty

Model	O/P Voltage	O/P Current	Watt
ATS005A2-F033P	3.3V	1.25A	4.125W
ATS005A2-F050P	5.0V	1.00A	5.000W
ATS005A2-F120P	12.0V	0.42A	5.040W
ATS005A2-F150P	15.0V	0.33A	4.950W
ATS005A2-F240P	24.0V	0.23A	5.520W

Input	
Voltage	100-240VAC
Line Frequency	50-60Hz
Current	0.19A Max.
Protection	Internal Primary Current Fuse

Output	
Load Regulation	±5% (Typical)
Ripple & Noise	1% Vp-p Max. for Output Voltage@ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	8mS @ Full Load
Protection	Short Circuit Protection / Over Voltage Protection / Over Current Protection

Electrical	
Topology	Switching Flyback
Dielectric Withstand	3000VAC Primary - Secondary
Leakage Current	0.25mA
Efficiency	DoE Level VI, ErP Stage 2
EMC Standards	EN55032
	EN61000-3-2,3
	EN55035
MTBF	300,000 Calculated Hours at 25°C, by Telcordia SR-332

Environmental	
Operating Temperature	-20 to + 50°C
Storage Temperature	-20 to + 80°C
Relative Humidity	Operating : 20 to 80% RH
	Storage : 10 to 90% RH
Cooling	Natural Convection Cooling

Mechanical	
Case Dimension	L 37.5 x W 28 x H 21 (mm)
Weight	20g (Ref.)

