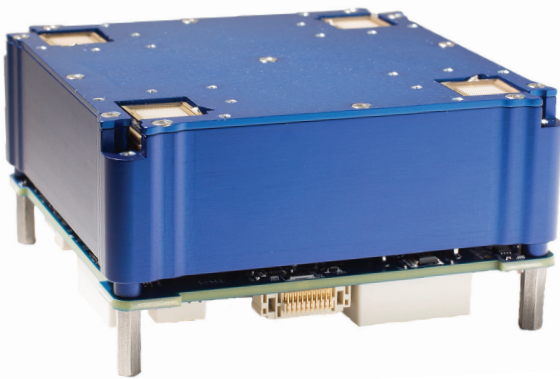


# ACCION SYSTEMS

## Technical Specifications

### SAFE, ULTRA LOW SWAP PROPULSION SOLUTIONS TO MEET UPCOMING REGULATIONS AND ENHANCE SPACE SAFETY

Accion Systems' TILE 2 provides small satellites with safe, scalable, ultra low weight propulsion to meet future requirements for orbital maintenance and collision avoidance. Accion Systems manufactures ion electrospray propulsion systems for spacecraft, enabling propulsion capabilities that keeping weight and design costs low for all satellite buses.



#### Features

- Scalable, modular, compact design
- Safe, inert ionic liquid propellant
- High thrust to power ratio
- Rideshare safe

### TILE 2

*Unparalleled thrust to power ratio.*

*Comfortably providing 1 m/s delta-v on satellites up to 35 kg.*

Volume	500 cm <sup>3</sup> / 0.5 U
Wet Mass	0.48 kg
Max Thrust (Axial)	0.04 mN
Total Impulse	21 Ns
Max Power (at Max Thrust)	4 W
Standby Power	1.5 W
Minimum Impulse Bit	50 $\mu$ Ns
Operating Temp. Range	10 - 50° C
Survivable Temp. Range	-20 - 60° C



529 Main Street, Suite 114  
Boston, MA 02129

+1 617 500 2563  
info@accion-systems.com  
accion-systems.com