

Rotor Drive Flag Shutter



Low-cost Flag Shutter

- Simple, compact and lightweight
- Bi-stable; low power consumption
- Operates reliably from -40°C to +70°C
- Resistant to shock and vibration
- Rapid low-cost customization
- Optional blade position sensor
- Custom blades upon request

Key Specifications

Aperture area	14.0 x 18.0 mm (0.55 x 0.71 in)
Shutter blade	Single, stiff, floating
Blade surface emissivity	>85% from 0.4 to 20 microns
Blade drive	Bistable, pulsed drive
Drive time	50 milliseconds
Blade transition time	25 milliseconds (typical, excluding bounce settling time)
Connection	JST SHR-02V-S-B
Shock	Blade secure after repeated 10 g shock, any orientation
Vibration	Blade secure after 3 hours of 0.08 g ² /Hz, 50-2500 Hz, any orientation, and blade state.

	04RDS501	04RDS531	04RDS561
Drive voltage (volts)	9.0	3.0	6.0
Drive current @ 20°C (Amps)	0.22	0.40	0.33

