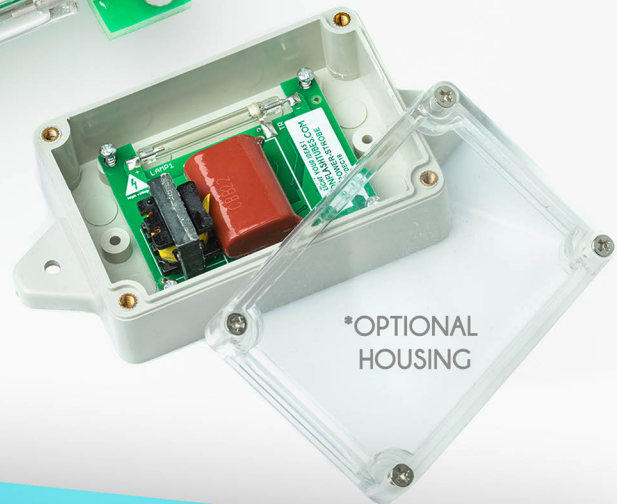
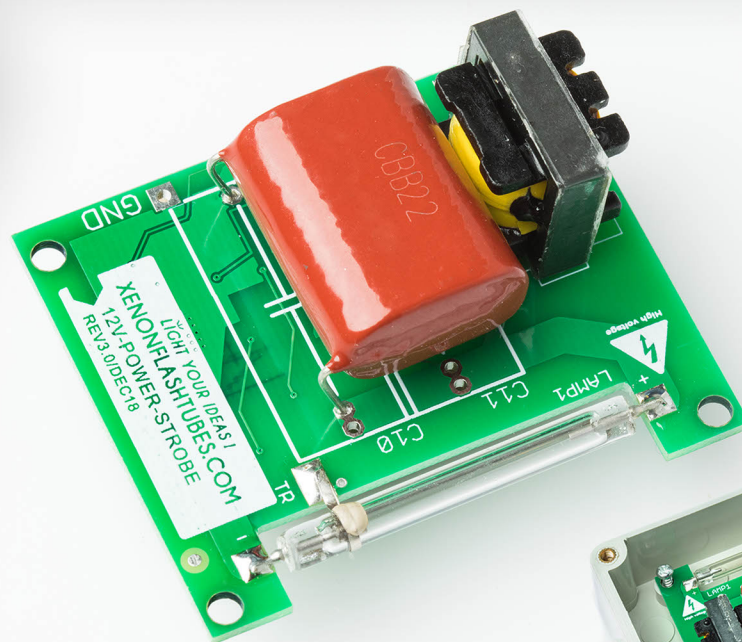


MED-FREQUENCY SHORT-PULSE XENON STROBE



COMPACT FOOTPRINT SHORT PULSE DURATION HIGH EFFICIENCY

TWO VERSIONS AVAILABLE

- ▶ ON-DEMAND VERSION WITH TRIGGER INPUT, WILL FLASH ONCE EVERY TIME A LOW VOLTAGE TRIGGER PULSE IS APPLIED
- ▶ REPEATING VERSION, WILL FLASH REPEATINGLY, ADJUSTABLE FLASHRATE

- ▶ ADJUSTABLE FLASH RATE
- ▶ WIDE RANGE INPUT VOLTAGE
- ▶ SHORT FLASH DURATION (LOW ESR)
- ▶ HIGH EFFICIENCY INVERTER DESIGN
- ▶ COMPACT SIZE FACTOR, SMT TECHNOLOGY
- ▶ CUSTOMIZABLE CAPACITOR AND FLASH POWER

ORDER CODES:

12V-PWR-STR-OD - ON DEMAND (TRIGGER INPUT)
12V-PWR-STR-RPT - CONTINUOUS REPEATING FLASH

APPLICATIONS

- ▶ TIMING LIGHT
- ▶ WARNING BEACON
- ▶ SIGNAL TRANSMISSION
- ▶ PRODUCTION LINE QA

MODULE INCLUDES
CHARGING UNIT ✓
CAPACITOR ✓
TRIGGER COIL ✓
FLASHLAMP ✓

LIGHT YOUR IDEAS !

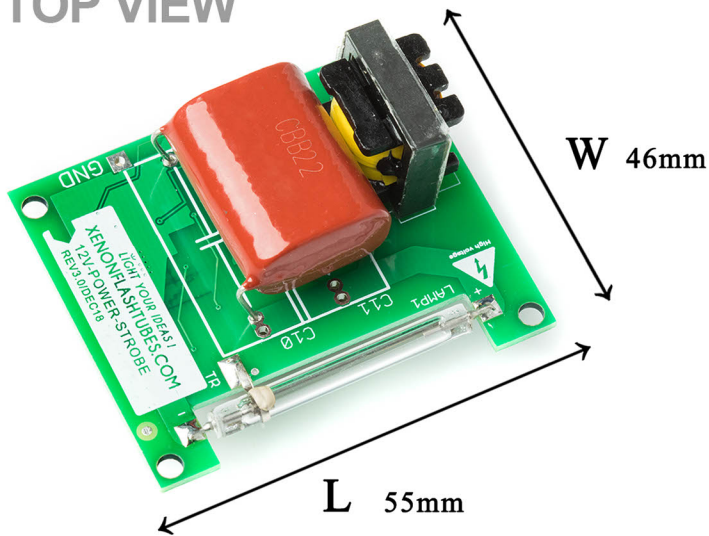
XENON FLASH TUBES.COM

WORLDWIDE SALES:
INFO@XENONFLASHTUBES.COM

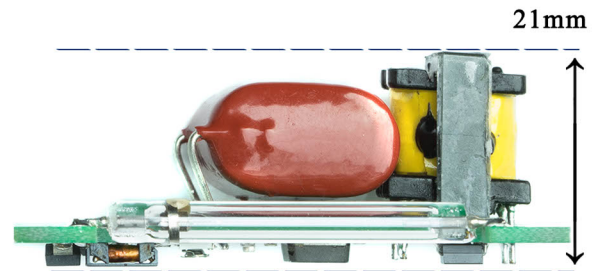
MED-FREQUENCY SHORT-PULSE XENON STROBE



TOP VIEW



SIDE VIEW



SPECIFICATIONS

Input Voltage	9v - 17v DC
Default Flash Tube	Linear 36mm
Output capacitor voltage	410v *
Flash energy	~400mJ *
Trigger coil output	6Kv
PCB dimensions	46mmX55mm
Trigger input	5v-12v pulse
Triggering method	Repeating or trigger input



PERFORMANCE

Current @ Input Voltage (Average)
800mA @ 9v
700mA @ 12v
500mA @ 15v

*Measured on REPEATING module version, max. speed setting.

Flash rate (Typ. $\pm 20\%$)

Repeating version: 3Hz-8Hz

On-Demand: max 20Hz

*High flash rates are possible with reduced flash energy.



CUSTOMIZED VERSIONS

The 12v Power Strobe can be modified to provide:
Higher power (faster charging), higher flashrate,
Adjustable output voltage and higher flash energy.
Onboard capacitor and Flashtube can also be substituted.
Please consult us with your project details
and custom requirements



ORDERING INFO

12v-PWR-STR-OD - On-Demand trigger
12v-PWR-STR-RPT - Repeating strobe



CONNECTION DIAGRAM

