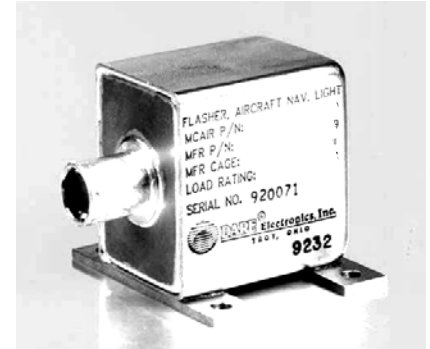


DARE's solid-state flashers are used to periodically turn on and off navigation, position, warning or indicating lights. When the rated input voltage is applied to the specified terminals the flashing cycle will initiate at the specified rate and ratio, or a separate control line can initiate the flash cycle. Flashers can also be used to sense and indicate a malfunction in certain systems or activate an alarm.

DARE's flashers are designed to meet or exceed the extreme environmental conditions of military, airborne, or ground support applications and utilize all solid-state timing circuitry. In addition, DARE's all solid state timing circuitry can be used to directly replace thermal or motor driven timers.



DESIGN FEATURES

- DC, 50 Hz, 60 Hz, or 400 Hz operation
- Single or multiple independent output channels available
- Flashing initiated from input power lines or from separate control lines
- Solid state or electromechanical outputs available
- Models for lamp & inductive loads
- Flashers designed to meet the requirements of MIL-F-26301
- Hermetically sealed and encapsulated for immunity to shock, vibration and environmental extremes
- Available in a wide variety of finishes, enclosures, connectors, and mounting arrangement

GENERAL SPECIFICATIONS

ELECTRICAL	
Input Voltages:	18 to 32 Volts DC or 90 to 125 Volts AC
Flash Rates:	As Required*
Flash Ratios:	As Required*
Standard Accuracy:	±10%
Radio Interference:	MIL-I-6181
Voltage Transient:	Per MIL-STD-704
Life:	10,000 hours minimum
Output Contact Configurations:	SPDT, 2PDT, 3PDT, 4PDT or Solid State
Contact Rating @ 28 VDC	
Resistive:	2 A 10 A
Inductive:	.75 A 6 A
Dielectric Strength:	1000 VRMS @ 60 Hz, All terminals to case
Insulation Resistance:	100 megohms @ 500 Vdc, All terminals to case

ENVIRONMENTAL	
Temperature:	Per MIL-STD-810, Methods 501 & 502
Operating:	-40°C to +85°C or -55°C to +125°C
Storage:	-65°C to +150°C
Vibration:	Per MIL-STD-810, Method 514, Procedure I 10-2000 Hz., 20 G's
Acceleration	Per MIL-STD-810, Method 513, Procedure I and II, ±10 G's
Shock:	Per MIL-STD-810, Method 516 Procedure I, 50 G's - 11 ms
Humidity:	Per MIL-STD-810, Method 507, Procedure II
Altitude:	Per MIL-STD-810, Method 504, Category 6 Equipment, Sea Level to 70,000 Ft.

- These parameters can be custom specified to ensure maximum performance and reliability for any application. Contact factory for special requirements.

CONSTRUCTION
Enclosures: Standard and Custom hermetically sealed and encapsulated or gasket sealed (See drawings of basic styles)
Connector: Glass to metal seal, solder hook, or MS3113H type connector (See wiring diagram of typical pin-out connections)
Finish: Various finishes available

CALL 1-800-FON-DARE

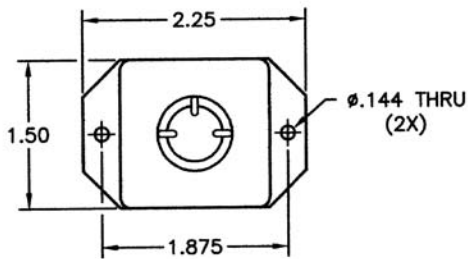
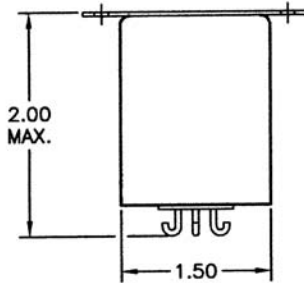


DARE[®] Electronics, Inc.

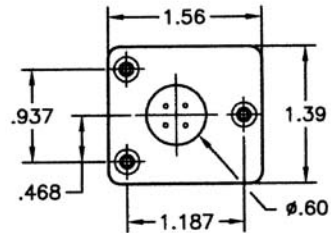
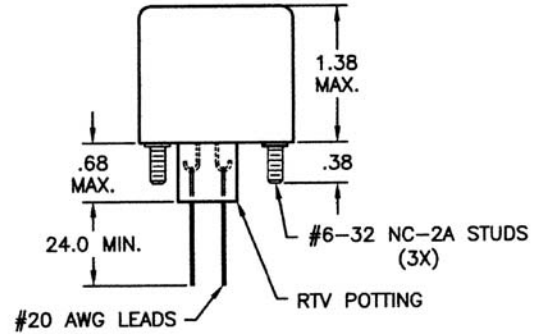
3245 S. County Rd. 25A, Troy, Ohio 45373
Phone (937) 335-0031 Fax (937) 339-6948

**SOLID STATE
FLASHERS**

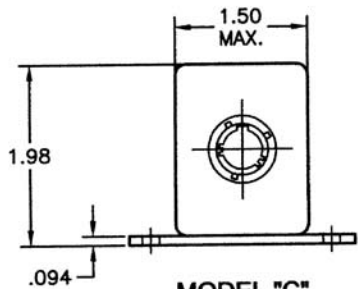
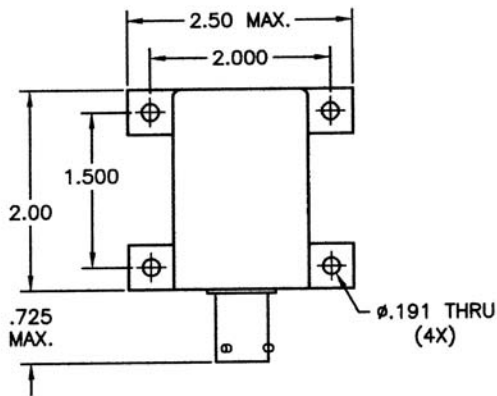
STANDARD ENCLOSURE STYLES



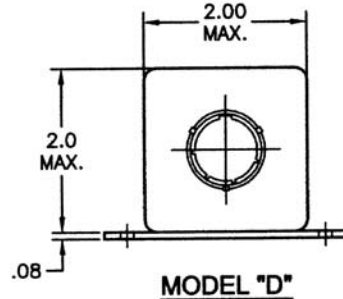
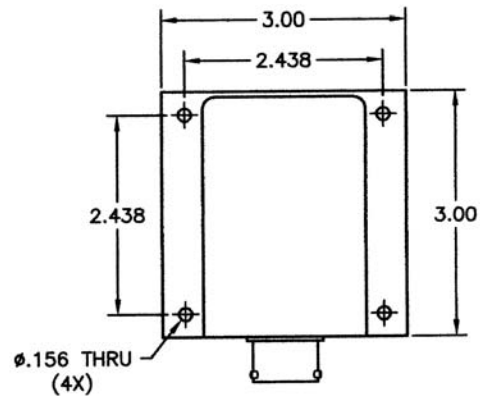
MODEL "A"



MODEL "B"



MODEL "C"



MODEL "D"

Contact Factory for Additional Styles & Options

CALL 1-800-FON-DARE