

Features

- Compatible with TTL Gates
- Push-On Connector Terminals
- Mounts on a TO3 Transistor Heat Sink

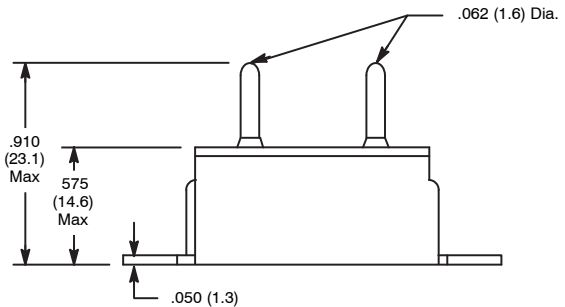
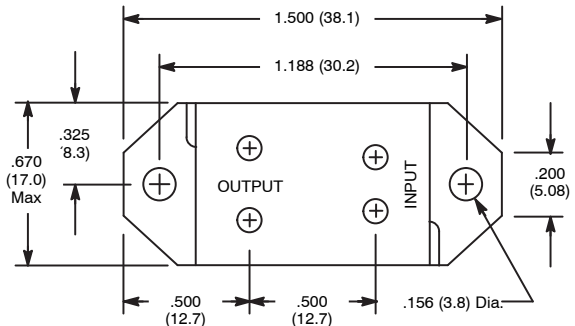
RS2 Series



Printed Circuit Board Mountable Solid State Relay, 7 Amp.



D37



Input Specifications

- Control Voltage:**
 RS2-1D7-33 5VDC
 RS2-1D7-35 12VDC
- Max Pick-up Voltage:**
 RS2-1D7-33 4.3VDC
 RS2-1D7-35 10.3VDC
- Min Drop-out Voltage:** 1.5VDC
Max Input Current: 15mADC

Output Specifications

- Nom. Off-State Voltage:** 120V (RMS)
Non-Repetitive Peak Voltage: 400V
Min-Max Off-State Voltage: 20V to 260V (RMS)
Rated Load Current: 7A (RMS)
Min. Load Current: 20mA (RMS)
Non-Repetitive Surge Current: 50A
Max. Off-State Leakage Current: 100µA (RMS)
Max. On-State Voltage: 1.8V (RMS)

Electrical Specifications

Operational Characteristics

- Response Time:** Turn-On 16mS Max
 Turn-Off 60mS Max
- Max. Rate of Rise of Off-State Voltage:**
 Blocking 100V/µS
 Commutating 4V/µS
- Dielectric Strength (Input-Output Isolation):** 2500VAC
Insulation Resistance (@ 500VDC): 10,000MΩ
Max. I²t for Fusing (8.3mS): 24

Environmental Characteristics

- Operating:** -40°C to +65°C
Storage: -40°C to +100°C

Schematic showing typical TTL input connections

