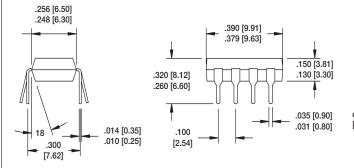


SOLID STATE RELAY

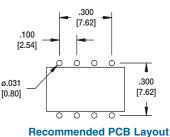
6 & 8 PIN DIP PACKAGES-TYPE SSR R SERIES

SSR1 SERIES SOLID STATE RELAY 6 Pin DIP .256 [6.50] .248 [6.30] SSR1A-350-120-35-6T .343 [8.70] .335 [8.50] .200 [5.08] .150 [3.81] .100 .320 [8.12] .130 [3.30] [2.54].260 [6.60] ø.031 .300 .035 [0.90] [7.62] [0.80] .031 [0.80] .014 [0.35] .100 .010 [0.25] [2.54] .300 [7.62] **Recommended PCB Layout**

SSR1 & SSR2 SERIES SOLID STATE RELAY 8 Pin DIP



SSR2A-350-120-25-8T



INTRODUCTION:

Adam Tech's Solid State MOSFET controlled relays deliver fast, reliable, bounce free switching in small packages. The LED input with MOSFET output is ideal for applications requiring low power input to control larger loads providing extremely high isolation. They are ideal to replace reed relays in applications susceptible to EMI or vibration while offering the reliability of a Solid State design with extended life. Comprised of two components in one package this product allows designers to condense PCB space.

FEATURES:

This series is offered in both 6 & 8 in DIP packages. Typical applications are data communications equipment, computers, security devices, medical equipment and instrumentation.

| SOLID STATE RELAY PART NO. | Load Volts (V) | Load Current (mA) | On Resistance (Ohms) | Isolation (Vrms) | Input Current (mA) | Off State Leakage (mA) | Time On (m sec.) | Time Off (m sec.) | Dip Package |
|----------------------------|----------------------|-------------------------|----------------------------|---------------------|--------------------------|------------------------------|------------------|----------------------|----------------|
| Contact Form 1a | | | | | | | | | |
| SSR1A-250-170-15-6T | 250 | 170 | 15 | 3,750 | 5 | 1 | 5 | 5 | 6 Pin |
| SSR1A-250-200-10-6T | 250 | 200 | 10 | 3,750 | 5 | 1 | 5 | 5 | 6 Pin |
| SSR1A-350-120-15-6T | 250 | 120 | 25 | 3,750 | 5 | 1 | 5 | 5 | 6 Pin |
| SSR1A-350-120-35-6T | 250 | 120 | 35 | 3,750 | 2 | 1 | 3 | 3 | 6 Pin |
| SSR1A-350-170-16-6T | 250 | 170 | 16 | 3,750 | 5 | 1 | 5 | 5 | 6 Pin |
| SSR1A-350-170-20-6T | 250 | 170 | 20 | 3,750 | 5 | 1 | 5 | 5 | 6 Pin |
| Contact Form 1b | | | | | | | | | |
| SSR1B-350-120-35-6T | 350 | 120 | 35 | 3,750 | 5 | 1 | 3 | 3 | 6 Pin |
| Contact Form 2a | | | | | | | | | |
| SSR2A-250-170-15-8T | 250 | 170 | 15 | 3,750 | 5 | 1 | 5 | 5 | 8 Pin |
| SSR2A-350-120-25-8T | 350 | 120 | 25 | 3,750 | 5 | 1 | 5 | 5 | 8 Pin |
| Contact Form 1a1b | | | | | | | | | |
| SSR1A1B-250-150-20-8T | 250 | 150 | 20 | 3,750 | 5 | 1 | 5 | 5 | 8 Pin |
| SSR1A1B-350-120-25-8T | 350 | 120 | 25 | 2,500 | 5 | 1 | 1 | 1 | 8 Pin |
| SSR1A1B-350-120-35-8T | 350 | 120 | 35 | 3,750 | 5 | 1 | 5 | 5 | 8 Pin |