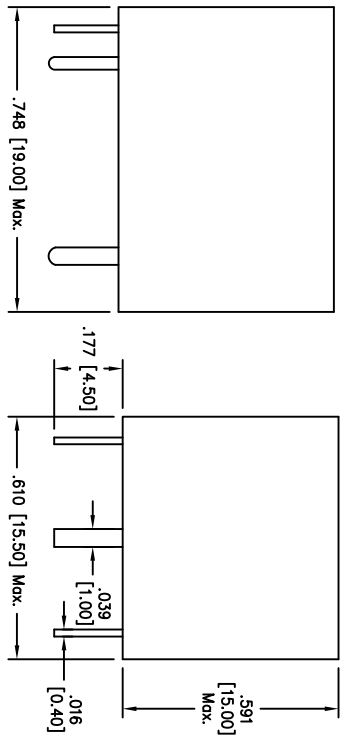
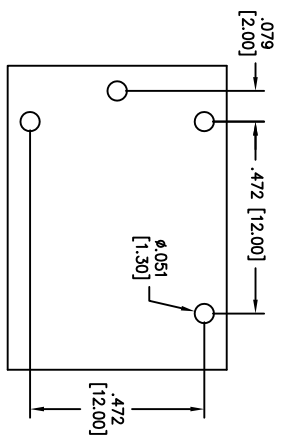


APPROVED: _____
 DATE: _____ TITLE: _____

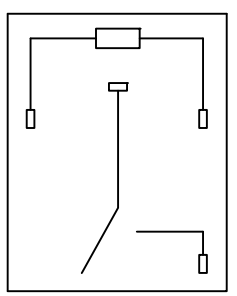
| Rev | AWO # | Description | Date | Appr |
|-----|-------|----------------|----------|------|
| - | | RELEASED | 10/21/10 | |
| A | | REVISED LAYOUT | 11/24/10 | |



DRILLING PLAN
(Bottom View)



WIRING DIAGRAM
(Bottom View)



| PART NO. | RPS-1A-12-SP-SN |
|--------------------|-----------------|
| Coil Rated Voltage | 12VDC |
| Coil Rated Current | 30mA |
| Pick-up Voltage | 9VDC |
| Drop-out Voltage | 1.2VDC |
| Coil Resistance | 400 Ω |

SPECIFICATIONS:

Electrical:

Contact arrangement: 1H
 Contact material: AgSnO
 Contact Rating (Resistive load): 10A @ 250VAC; 10A @ 28VDC
 Max. Switching Voltage: 250VAC / 28VDC
 Max. Operating Power: 2500VA
 Contact resistance: 50 m Ω max. Initial
 Insulation resistance: 100 M Ω min. @ 500V DC
 Dielectric withstanding voltage:
 Between Coil & Contact: 1500VAC 50/60HZ for 1 min.
 Between Contacts: 1000VAC 50/60HZ for 1 min.
 Operating time: 10ms max. Release time: 5ms max.
 Electrical Life: 100,000 Operations (at rated load)
Mechanical:
 Vibration resistance (Endurance): 1.5mm D.A. 10-55HZ
 Shock resistance: Min. 10G Unerorr
 Mechanical Life: 10,000,000 Operations (no load)
 Temperature Rating: Ambient temperature: -40°C to +85°C
Environmental:
 Lead free, RoHS compliant
 Recommended soldering temp: 235°C for 5 sec.
 Packaging: Anti-ESD plastic trays
 Safety Agency Approvals: cUL Recognized File No. E305638

UNLESS OTHERWISE SPECIFIED
 ALL DIMENSIONS ARE INCHES [MM]
 TOLERANCES: EXCEPT AS NOTED
 INCHES: Holes
 .X \pm .10
 .XX \pm .020
 .XXX \pm .015
 .XXX \pm .015

ADAM TECH
 909 Rahway Avenue, Union, NJ 07083
 Phone: 908-687-5000 Fax: 908-687-5710

TITLE
POWER RELAY, 12VDC COILS, 1A

| APPROVALS | DATE |
|------------|----------|
| DRAWN DY | 10/21/10 |
| CHECKED DY | 10/24/10 |
| APPROVED | |

| SIZE | PART NO. | SCALE | SHEET | REV. |
|------|-----------------|-------|--------|------|
| X | RPS-1A-12-SP-SN | NIS | 1 OF 1 | A |